This is a digital copy of a book that was preserved for generations on library shelves before it was carefully scanned by Google as part of a project to make the world's books discoverable online.

It has survived long enough for the copyright to expire and the book to enter the public domain. A public domain book is one that was never subject to copyright or whose legal copyright term has expired. Whether a book is in the public domain may vary country to country. Public domain books are our gateways to the past, representing a wealth of history, culture and knowledge that's often difficult to discover.

Marks, notations and other marginalia present in the original volume will appear in this file - a reminder of this book's long journey from the publisher to a library and finally to you.

Usage guidelines

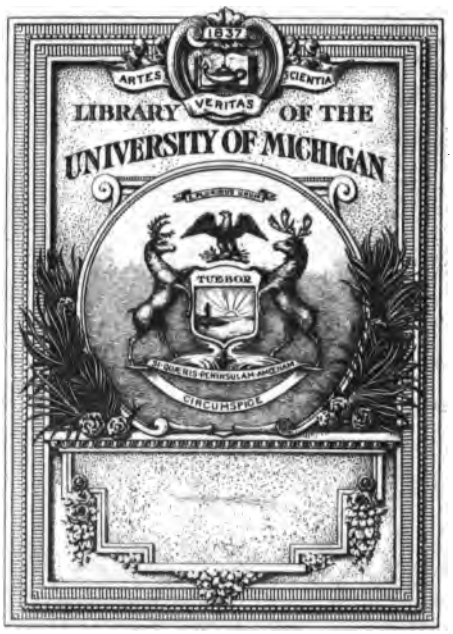
Google is proud to partner with libraries to digitize public domain materials and make them widely accessible. Public domain books belong to the public and we are merely their custodians. Nevertheless, this work is expensive, so in order to keep providing this resource, we have taken steps to prevent abuse by commercial parties, including placing technical restrictions on automated querying.

We also ask that you:

+ *Make non-commercial use of the files* We designed Google Book Search for use by individuals, and we request that you use these files for personal, non-commercial purposes.
+ *Refrain from automated querying* Do not send automated queries of any sort to Google's system: If you are conducting research on machine translation, optical character recognition or other areas where access to a large amount of text is helpful, please contact us. We encourage the use of public domain materials for these purposes and may be able to help.
+ *Maintain attribution* The Google "watermark" you see on each file is essential for informing people about this project and helping them find additional materials through Google Book Search. Please do not remove it.
+ *Keep it legal* Whatever your use, remember that you are responsible for ensuring that what you are doing is legal. Do not assume that just because we believe a book is in the public domain for users in the United States, that the work is also in the public domain for users in other countries. Whether a book is still in copyright varies from country to country, and we can't offer guidance on whether any specific use of any specific book is allowed. Please do not assume that a book's appearance in Google Book Search means it can be used in any manner anywhere in the world. Copyright infringement liability can be quite severe.

About Google Book Search

Google's mission is to organize the world's information and to make it universally accessible and useful. Google Book Search helps readers discover the world's books while helping authors and publishers reach new audiences. You can search through the full text of this book on the web at `http://books.google.com/`


1837
ARTES
VERITAS
SCIENTIA
LIBRARY OF THE
UNIVERSITY OF MICHIGAN
TUEBOR
SI QUAERIS PENINSULAM AMOENAM
CIRCUMSPICE

Library Scior
Z
695
.M282

SUBJECT HEADINGS

FOR USE IN

DICTIONARY CATALOGS *of* JUVENILE BOOKS

MARGARET MANN

AMERICAN LIBRARY ASSOCIATION
PUBLISHING BOARD
CHICAGO
1916

Copyright, 1916
by
American Library Association
Publishing Board

Lib. Sci.
a. L. a.
9-5-28
17824
2 cop.

CONTENTS

Page

Preface V

The catalog of juvenile books 1

General—Some suggestions for handling subjects: The use of simple terms, The use of definite and specific terms, The grouping of material by form and special use, The minute analysis of books—Coöperation in work.

SUBJECTS

Stories 8

Traditional stories: Myths, Legends, Sagas, Fairy tales, Fables—Stories with subject value.

Poetry. Holidays 15

Collections—Poems by one author—Poems on a definite subject—Readers and speakers—Holidays—Ballads—Folk songs—Songs—Nursery rhymes.

Amusements 16

Occupations for children—Scientific recreations—Sports—Athletics—Physical education—Games—Plays—Drama.

Science. Useful arts 18

General—Natural history—Botany and Zoology—Plants and Animals—Flowers—Nature—Industries—Manufactures—Handicraft—Manual training—Carpentry.

Biography. History. Geography 20

Collective biography—Individual biography—Heroes and heroism—History—North America—United States—The West—Frontier life—Northwest Territory—Wars—Battles—Explorers—Voyages—Travel—Manners and customs—Geography.

LIST OF HEADINGS

Introduction 27

Form divisions—Subdivision under place—Place versus subject entry—References—Personal names—Page references.

Headings 30

PREFACE

THIS list of subject headings has been compiled primarily for use in cataloging juvenile books. It is offered as a less exhaustive and less expensive guide than that so admirably prepared for the A. L. A. by Miss Briggs. The subjects and references are those used in the dictionary catalog of juvenile books in the Carnegie Library of Pittsburgh, but the style and form have been made consistent with the A. L. A. list, thus allowing additions to be taken from that volume without loss of uniformity.

While there has been no attempt made to supply an exhaustive list of subjects for use in any other than the juvenile catalog, it is hoped that the headings here included may be found helpful for cataloging most school libraries and that they will furnish many suggestions in the selection of minute headings for the small public library, where it is often found necessary to do extensive analytical work.

A first attempt has been made to formulate some principles which shall assist in the choice of subject headings. This is possible when considering subjects for a catalog of juvenile books, because a small collection is being handled, which is limited to one class of readers.

I wish to make acknowledgment to Miss Elva S. Smith, who has developed this list of headings and who has given me valuable assistance in my attempt to correlate the work of the cataloger and the children's librarian. Her knowledge of children's literature and the results of her experience in cataloging juvenile books have been generously shared with me.

December, 1915. Margaret Mann.

THE CATALOG OF JUVENILE BOOKS

IN MAKING a catalog of juvenile books it is necessary to put into it a combination of the technique of cataloging and a knowledge of literature as it is written for children.

The books have been written in a special style to make them interesting and instructive to young people; they are made up of chapters which interest and hold by their brevity and simplicity; there is often no attempt made to give a continuous narrative, and subjects are never treated in an exhaustive way as they are in the books for older readers. The classics are retold, and mythology and folklore are not presented as subjects of religion and customs, but rather as stories which are used to introduce the child to literature. It is not the subject matter which differs, but rather the way it is treated, both as to content and style, which brings a different phase of work into the making of a catalog for children.

Stories must be studied both for their literary and their subject value so that the catalog may show what the child is unable to find for himself because of his limited knowledge. We must bear in mind the fact that children have no background of experience, that they are unfamiliar with even the terms and expressions commonly known and used by adult readers and that they are unable to classify material for themselves. Their catalog must therefore be much more an instrument of instruction than is the catalog for adult readers, by showing them how subjects are related. It must index chapters in their books which they have no way of finding, and lead them to stories which will tell them about Napoleon, Roland, Iceland, Indians and any other subjects which are not brought out by the classification of books on the shelves. We must study their needs as well as their books so that the catalog will come within the range of their understanding and answer their demands.

Our problem is therefore to make a catalog which shall be so simple that we can explain it to children and have them understand it; so full that it will answer not only the demands of children, but those of teachers and assistants as well, and so uniform with other library guides that the child can pass from the use of one to the other without confusion.

Those who select the books in a library do so with some definite aim in mind—that of supplying a definite want or of pro-

viding for a probable need. The cataloger must work with a similar purpose in mind—that of making the catalog show that this need has been supplied. Otherwise she is not properly coöperating with those who are making the selection. If Gatty's "Parables from nature" is used for the purpose of giving the children good material on ethical topics and the cataloger does not emphasize these, the full value of this book has not been disclosed, because the catalog fails to express the essential purpose for which the book was selected.

If the responsibility of arranging correctly the juvenile literature and making it available rests with the cataloger, she should have a knowledge of the special use made of the various forms of literature by those who work with children. She must know the various forms of stories and what emphasis is given them, she must know their value as supplementary reading and must know how to group them properly so that they may be used as stepping-stones to literature. Legends and myths must be defined, and fairy tales, sagas and fables must be grouped under their correct headings. The reader must not be confused by having material listed under subjects on which the book has no direct bearing. In some of the outdoor books, for example, we find Boy scouts introduced to lure the boys to read special titles, and one is tempted to enter these books under the heading Boy scouts, but as a matter of fact they are on camping, cycling, etc., and although they may be of interest to the Boy scouts, they do not contribute to their movement in any way or tell anything about their organization. This heading should be reserved for the book about the Society, official handbooks, etc. Nearly all the books on outdoor sports are of interest to the Scouts and an interesting reading list could be compiled for their use, but the subject of a book and its purpose are often very different.

In order to have the catalog supplement the school work, the cataloger must become familiar with the school curriculum. This she may do by making a study of the school program or by learning of the school needs through the children's librarian. The needs which come through this channel should be anticipated and met even before the actual demand must be answered, as there is little time to collect material after a whole class of children descend upon the assistant for some minute subject.

SOME SUGGESTIONS FOR HANDLING SUBJECTS

In considering the best ways of making the catalog answer the demands put upon it, the following points are suggested as

requiring the attention of every cataloger who must handle books for young people: (1) the use of simple terms; (2) the use of definite and specific terms; (3) the grouping of material by form and special use, as Myths, Plays, Dramatic readers, etc.; (4) the minute analysis of books.

(1) Use of simple terms. Having decided upon the subject of a book the next step is to choose the term which shall best express this subject. Simplicity should be the watchword in all catalogs of a public library, therefore it should not be found very difficult to make the adult and juvenile catalogs uniform in this respect. The style and content of books for children naturally lead one to select a simple word; for example, a book on candy making for children does not discuss the other forms of confectionery, so one is not tempted to use that heading merely because it is used in the adult catalog, but the book is put under the heading Candy without further consideration. A book on flowers which does not discuss the classification of plants does not warrant the heading Botany, so one is not led to adopt the scientific term. Textile fabrics in the adult catalog should be replaced by Cloth in the juvenile catalog, because the first term is not the common one.

Care should be exercised in our endeavor to simplify that we do not make the mistake of "talking down" to the children. It is not necessary, for example, to use Bunnies for a book on rabbits, or Bugs for a book on insects. Standards should not be sacrificed for simplicity.

Many headings cannot be simplified; for example, a book for children on Mines and mining must be given the same heading as that used in the adult catalog for a book on the same subject, because there is no simpler expression. Taxidermy may be a difficult term for a child, but here again we have no other word which expresses the same thing; Stuffed animals, Mounted animals, etc., are terms a child might use, but they are phrases which should not be introduced into a catalog. The child old enough to make use of this heading should learn the correct term.

(2) Definite and specific terms. Definite subjects should not be covered up by larger and more inclusive subjects; while this is a repetition of an old rule, it deserves special emphasis when making a catalog of juvenile books. A book on Parties should be entered under Parties and not included under the heading Amusements or Entertainments. The child cannot classify material nor does he want all kinds of amusements when he is looking for

Parties. "American boys' handybook" and other books of like character require an inclusive heading, but the inclusive heading should be reserved only for this kind of material and not used to cover any one branch or subdivision of a subject.

There are a few subjects which include divisions so small that it is quite improbable that they will be discussed separately. For example, Spices would best be used as a heading for books treating of the various spices, as one would seldom or never have material on cinnamon, cloves, etc., alone. References may be made if necessary from the various spices treated in the books entered under the general heading.

(3) Group headings. Any group headings which can be assigned by the cataloger as the volumes pass through her hands are warranted because again the children have not the knowledge to classify the material for themselves, and the teachers and assistants cannot stop at a busy time to collect books which are needed by a number of children at one time. These group headings are those which bring together the collections of a special form of literature, such as Poetry, Plays, Legends, etc. Many headings which appear as subjects in the adult catalog become form or group headings when used in the catalog for children. While the adult reader studies Mythology and Folklore, the child reads Myths and Fairy tales.

It is true that some of the group headings in a measure duplicate the arrangement of the books on the shelves, but are the books always on the shelves? A teacher or an assistant who is preparing a special reading list or getting together material for a special class of children does not want only the material which is on the shelves today; she must have access to the entire resources of her collection and there is no way of getting this except through the catalog. The shelf list may answer in some cases, but this record does not list all of the material; for example, when a book consists of a series of chapters devoted to miscellaneous topics, the class number can only call attention to the broad subject and can give no indication of the topics covered by the various chapters.

Aside from those headings which group books to show their literary form, we may have those which collect books for a definite purpose. Such group headings as Civic readers, Dramatic readers, etc., often assist the teacher and may be introduced for her use. She comes to the children's room, not to study the history of education or school management, but rather to collect illustrative material which can be given or read to children and which she de-

sires to use in order to emphasize some point in an educational scheme. The catalog can show the educational value of the material in the collection by bringing together the readers and primers which have been written for a definite purpose, thus giving the teacher and the assistants a quick reference to material needed for supplementary reading. These group headings should be chosen with great care and should be adopted only in response to a definite demand. Close touch with the teachers and assistants is necessary when introducing such entries.

Specific events are better entered under the names by which they are commonly known than as subdivisions of a larger subject. The mature mind looks upon history, for example, as a continuous series of connected events, but the child does not look upon these events as belonging to the whole scheme of history; he knows them rather as distinct incidents and independent of those events which come before and those which follow. The Civil war is not read and studied as a connecting link in the history of the United States, but as one definite event. The cataloger would best deviate from the generally accepted plan here of entering under United States—History—Civil war, and use the heading which will most often occur to the child, which is Civil war. This is better than to present him with the whole scheme of United States history and let him grope about in an effort to find the one period he is seeking.

(4) Analysis of books. "The analysis of books of composite authorship or treating of a variety of topics is a problem demanding the continual exercise of discretion. Whether to make 'analyticals' or to let the main entry stand for the work without further note must be determined by each librarian with the needs of his own constituency in view. A special library may need to make analytical entries that amount to indexing the chapters of a book." Bishop. "Modern library cataloging."

The children's room may be considered a special library in the sense that it is made up of books written in a special style and for a special class of readers. A juvenile collection is usually made up of comparatively few titles and it is therefore necessary to make the most of these few by analyzing each one. As has already been pointed out, these books are of a composite nature, they treat of many minute subjects all of which may have some bearing on a larger subject, but which, because of their elementary treatment stand out as well defined units. Such books cannot be covered by one or two general headings; each chapter must be analyzed if

the varied information is to be made available, and the catalog must become in a measure an index to juvenile material.

If broad headings only were used, the child would be deprived of access to much of the material he wanted, because he would not know the name of the large division. Few boys, for example, would know that an account of the Spinning top could be found in a work classed under Mechanics, and Lang's "Red book of heroes" will not give its full return unless we call attention to the persons included, under their own names.

The library assistant, even though she makes a most careful study of the books in her collection, cannot always recall immediately the needed chapter. She cannot know just which geographical reader will give her information about the Eskimo, or what nature book has a chapter on Fireflies, and subjects are often wanted not to supply the needs of one reader, but rather to meet the demands of a whole class. These requests come from a class of readers who must have personal help, the assistant must preserve order while giving information and for this reason, if for no other, there should be as many short cuts as possible to which she may turn for help.

The extent to which this analysis should be carried is a question which each library must decide. There is certainly danger in carrying it to an extreme, and it is always unwise to duplicate work already done; for example, one would not be warranted in repeating the information given in Granger's "Index to poetry," or in again listing the Fairy tales indexed by the Boston Public Library.

The first cost of doing extensive analytical work seems large, but when we consider that it is done but once and that this information is put into a permanent record where it may be consulted without further effort, the question of expense becomes somewhat minimized. The most economical way to do analytical cataloging is to make one card and duplicate it as many times as is necessary to furnish a card for each heading needed. It is certainly too expensive to analyze a collection of any great size in any other way and some simple devices for duplication are usually available to even the small library. The least expensive method is probably the use of the hectograph; by this process cards are written with hectograph ink and multiplied on the gelatin pad. Those libraries using the multigraph or other means of printing would of course be able to do the work with little expense.*

*See chapter on "Copying" in Bishop. "Modern library cataloging," p. 105-108.

The following illustrations will serve to show how the analytical entries may be indicated on the unit card:

Mines and mining. See p.139-155 of

Price, Overton Westfeldt, **j 351.711 P94**

The land we live in; the boys' book of conservation, with a foreword by Gifford Pinchot. 1911. Small.

About the use and the waste of America's forests, lands, waters and minerals, telling what conservation is and why it is necessary. Many beautiful illustrations from photographs.

Nightingale, Florence

Lang, *Mrs* Leonora Blanche. **j920 L23**

Red book of heroes; ed. by Andrew Lang. 1909. Longmans.

Contents: The lady-in-chief [Florence Nightingale].—Prisoners and captives [John Howard].—Hannibal.—The apostle of the lepers [Father Damien].—The constant prince [Ferdinand of Portugal].—The marquis of Montrose.—A child's hero [Henry Havelock].—Conscience or king? [Sir Thomas More].—The little abbess [Angélique Arnauld].—Gordon.—The crime of Theodosius.—Palissy the potter.

COÖPERATION IN WORK

Coöperation between the Catalog department and all other departments of the library is essential if the catalog is to reflect the combined knowledge of the staff and meet the needs of all who use it.

Catalogers are sometimes too much disposed to dwell upon technique and to show too little willingness to understand and use the information possessed by their co-workers. One should never be so enveloped in detail and system as to be unable to take a broad view of her field, nor should technique be allowed to thwart us in the making of a plastic and growing catalog. Much time and attention may well be given to the subject side of the work, for it is this side of the catalog which best represents the resources of the collection we are cataloging, and it is to this subject side that the inquirer most often turns. Authors, titles, editors and translators must all be represented, but these entries answer the question already in the mind of the reader when he enters the library. The subjects lead him into unknown fields and disclose new avenues of interest.

No cataloger should be so addicted to routine and rule that she cannot listen to and accept recommendations for the improvement and usefulness of the catalog. She should not refuse to add subjects and references required by some unusual demand; on the other hand, the department making these requests should not dictate just what form these subjects and references should take. Let each do her part and the part in which she has specialized.

Children's librarians are not always qualified to be good catalogers, nor are catalogers always able to take the place of children's librarians, but by a free exchange of ideas and an understanding of the needs of each branch of the work the desired results may be obtained.

"Rapidity and ease of consultation will be secured only by most careful planning. There are certain decisions which must be made by every librarian beginning or revising a catalog of subjects. Once taken, these decisions must be adhered to, while a change once decided on must be carried out root and branch... Careful planning, then, is half the battle. It matters little, from one point of view, what the decision is. The important thing is to have a conscious policy and stick to it." Bishop. "Modern library cataloging."

SUBJECTS

The need has been felt for some standard on which to base the selection of subjects so that every librarian may have some definite formula on which future work may be based.

In an attempt to define terms, show the scope of various headings and emphasize their use in library practice, I have chosen only those subjects which may have several meanings and those which require some explanation in order to show definitely just what kind of material they are intended to include. Only a very small proportion of the headings in the appended List are defined or even mentioned, but the principles of selection brought out by the discussion of certain groups or classes may be applied to other subjects of the same type.

Reference must be made constantly to decisions once adopted in order to insure uniformity in results. A heading should not be chosen because it is in the List, but because it is the term decided upon as the best one to include certain types of books. Unless there is a thorough understanding of the terms we cannot feel sure that like books will fall together or that individual books will be properly listed.

STORIES

The story is taken first because so large a proportion of the books for children are written in story form, either originally or as adaptations. These are considered in two main groups: (1) the traditional stories and (2) those having subject value.

TRADITIONAL STORIES

"Traditional stories may be roughly classified as Myths, Legends (including Hero-tales and Sagas) and Märchen or Folk-tales, with which last may be reckoned the minor varieties of Beast-tales, Drolls, Cumulative tales and Apologues." Burne. "Handbook of folklore."

The following choice of headings has been made for grouping the traditional stories: Myths, Legends, Sagas, Fairy tales, Fables.

Myths. "Myths . . . are stories of anonymous origin, prevalent among primitive peoples, and by them accepted as true, concerning supernatural beings and events, or natural beings and events influenced by supernatural agencies. . . . They are born in the infancy of a people. They owe their features not to any one historic individual, but to the imaginative efforts of generations of story tellers." Gayley. "Classic myths."

"In early ages man recognized forces external to himself which largely determined the conditions of his life. These forces of nature, such as light and darkness, fire, and summer and winter, he personified and made the subject of stories. In the same way he theorized about the origin and control of the universe, attributing the governing power to one God or many gods, and inventing stories about the relation of these divinities to each other and to man." Newark Public Library. "Course of study for normal school pupils on literature for children."

The general heading Myths is used for collections of pure myths which are not confined to any special country or people, such as Shahan's "Myths and legends" and Clarke's "Child's guide to mythology." If the stories are those which treat of the divinities once worshipped by the Greeks, the Romans or the Norse people, or the stories which have grown out of these, they may be distinguished from the general class of Myths by adding the subdivisions *Greek and Roman* or *Norse* to the heading Myths. Baldwin's "Story of the golden age," Hawthorne's "Tanglewood tales" and like books would then take the heading: Myths —*Greek and Roman.*

As many books include both Greek and Roman myths it is best to use the combination heading *Greek and Roman* and place here both the books which treat the two together and those taking up either alone.

Mythological events, as the Trojan war, should be entered under the specific heading, not included under Myths. Brooks'

"Story of the Iliad" and Clarke's "Story of Troy" may both be entered under Trojan war, and many chapters in the books found under Myths may be brought out under more definite headings.

"A myth is a purely imaginative explanation of phenomena; a legend rests on facts, but the facts are distorted." Toy. "Introduction to the history of religions."

Legends. "Legends are narratives told, not to explain anything, but simply as an account of things which are believed to have happened, such as a deluge, a migration, a conquest, the building of a bridge, or of a city. They are often told about events or persons, who are in fact historical though the legend itself may be inaccurate or even baseless, and may be told of other persons or places in countries far away." Burne. "Folklore handbook."

"Legends are mixtures of popular tales and literary invention cast in narrative form and told as records of facts. They usually deal with some character of heroic type, such as The Cid, and Siegfried; some storied locality, as the legend of the Sleepy Hollow; or some event or period in the mist-shrouded early histry of nations, as in William Tell, and Horatius at the bridge." Newark Public Library. "Course of study for normal school pupils on literature for children."

Legends is a group heading and is used for collections of legends, even though these collections do include those tales which belong to the King Arthur and the Charlemagne cycles. While the stories of these two cycles more correctly belong to the romance group, it does not seem best to use both the heading Legends, and Romances. Legends is the term more familiar to children and is a broader heading which can be made to include both character and place legends; it has therefore been adopted to cover both the Legendary stories and Romances.

"A romance may be described as a tale written at any period between the eleventh and fourteenth centuries, which deals with the age of chivalry." Spence. "Dictionary of medieval romance."

Stories which tell of the exploits of a single hero should be entered under the name of that hero, as King Arthur, Charlemagne, The Cid, etc.

Those centering around a historical personage like Charlemagne should be distinguished from the pure history of the real character. Stories of the Charlemagne cycle having for their subject matter the adventures and pseudo-history of Charlemagne and his twelve peers should be differentiated from the accounts of Charlemagne as ruler. The biographical material should be entered directly under his name, while Charlemagne romances

may be used for the legendary accounts of the hero. Church, in his "Stories of Charlemagne and the twelve peers of France," gives us the legendary Charlemagne, while Hodges in "Saints and heroes to the end of the middle ages," gives an account of the Emperor Charlemagne.

The books entered under the group heading Legends may be analyzed, in which case the single legends are brought out under name; usually the name is taken from the name of the hero, as Havelock the Dane, Roland, Wayland the Smith, etc. Whenever a legend is entered under its name, that name must be added to the Legends "see also" card.

If the books are not analyzed, references may be made from the name of single legends to the group heading Legends. In this case the contents should be added to the cards to show just what stories are included in the various collections. These references can only be made after one is sure that the legend from which reference is made is in some one of the books entered under Legends. The references would read as follows: Havelock the Dane *see* Legends; Roland *see* Legends, etc.

In The Cid we find a national hero of both history and romance, and this epic may be indicated as a good example of how a historical figure may become semi-mythical. Fact and myth are so blended that, as the story is told for children, it seems quite impossible to separate the material and so we place it all under the name of the hero. Since we are able to gather from The Cid something of real history, it is suggested that we call attention to the historical value of the story by making a reference to it from Spanish history.

"Legends which relate the exploits of a traditional hero, taking his existence for granted and not introducing him to account for the existence of something else, may be distinguished as Hero-tales; and when a series of legends follows in detail the lives and adventures of characters who are probably historical, it forms a Saga." Burne. "Handbook of folklore."

Sagas. The term Saga is limited to collections of the Scandinavian hero-tales, such as Anderson's "Viking tales of the North." It may be used to include all Saga material; or the cycles centering around one hero may be entered under the name of the hero, as Frithjof, and Grettir the Strong.

Fairy tales. Fairy tales has been chosen to include the folk tales and also the tales telling of fairies and other supernatural beings, which have no folklore setting or background. The Lang

fairy books belong to the first class and the George MacDonald books to the second.

"It is now impossible to limit this term to those stories that deal with the activities of an order of invented preter-human beings called fairies; or even to those that contain preternatural or supernatural elements. With the old fairy-tales in this narrow sense, have been incorporated folk-tales dealing with matter which involves only natural and human material, beast-tales and bits of comic adventure, for example. It is possible to treat them, however, in one category, because of the fact that in all those that are worth using for the children in class, whether there be fairies involved or not, the imaginative process is of the same kind, the vision of the world, its activities and its possibilities, is on the same level of imaginative combination and artistic interpretation; and this is the level of the children for whom we are choosing." MacClintock. "Literature in the elementary school."

Folklore is not included as a main heading, because (1) it is a term less well known to children and (2) if used, it would not be possible to group all the fairy tales under the one heading. Those who wish to show the distinction between the fairy tales which are real folklore and other fairy stories, may do so by adding this word as a part of the heading under Fairy tales, thus: Fairy tales (*Folklore*) and reserving the heading Fairy tales alone for those stories which have no folklore background.

In addition to the story use, these folk tales may be found of value to teachers in school work if entered under the country to which they belong. They contribute to the knowledge of the people and furnish another means for studying the different phases of the people of a given locality. In addition to the Fairy tale heading the country is used with the subdivision *Folklore.* Inasmuch as the material is not used for the study of comparative folklore, the country heading is chosen rather than the subject. This brings together all the material relating to a country including the folklore, which may often be useful as supplementary material. Jacobs' "Celtic fairy tales," and Steel's "Tales of the Punjab" are types of books which may be treated from the country side as well as from the story side, by entering under Ireland—*Folklore*, and India—*Folklore.*

The American folklore tales are entered under Indians of America—*Folklore*, for in this case to use Folklore under the name of the country does not convey the correct meaning. North America—*Folklore* or United States—*Folklore*, would not limit

the folklore to the Indian, and here again it is more useful to keep all the material about the North American Indians together. The heading is used to include Myths, Legends and Folk tales. Pratt's "Legends of the red children" and Zitkala-Sa's "Old Indian legends" would be entered under this heading and need not be repeated under the heading Legends.

The "Finding list of fairy tales and folk stories" issued by the Boston Public Library and the "Index to fairy tales," by Miss Mary Huse Eastman, published by the Boston Book Company, 1915, will be valuable aids supplementing the catalog under this subject.

Fairies need not be used as a heading, but a reference should be made from it to Fairy tales.

Fables. "It seems to be, in its genuine state, a narrative in which beings irrational, are, for the purpose of moral instruction, feigned to act and speak with human interests and passions." Dr. Johnson.

"Fables—all those oriental and classic ones that are called Aesop's, as well as many of La Fontaine's—are, from the literary point of view the best of the animal stories." MacClintock. "Literature in the elementary school."

While this form of story is usually devoted to animals, these books must not be considered as having any aim in teaching the facts as to the structure and habits of the creatures as life-forms. They interpret human life through them or by them by means of human terms. Reference can well be made to the heading Fables from Animals—*Stories*, Legends, Literature and Fairy tales.

STORIES WITH SUBJECT VALUE

A subject should be divided in the catalog into as many groups as is necessary to show the form of the material listed under it. Take for example the subject Flowers; we list first the books which give accurate facts about flowers, next we list the poetry of flowers and after that come the stories. It is essential to distinguish the books which are classed as fiction from those which are scientific, and the subdivision *Stories* is used to bring out this distinction. Some of the subject material is so skillfully woven into story form that one is often puzzled to know whether the book should be classed as fact or as fiction.

When a work will stand the test of accuracy and the facts are so set apart from the story as to make them easily accessible, it may be treated as non-fiction. Such a book is Kellogg's "Insect

stories." Here the author has combined science and the story-teller's art, but while he has called into play a certain amount of invention, this does not distort the facts he endeavors to develop through his story. The reader's credulity is not overtaxed in the writer's attempt to interest.

Stories which class as fiction and have a definite aim or are grouped around a definite person, event or thing, or are told for the purpose of imparting facts of science or industry, should be entered in the catalog under the subjects to which they either directly contribute or on which they may have a bearing. The object of bringing works of fiction out under subject headings is to group them under subjects about which children like to read, to make them more readily accessible for use as supplementary reading, and to supply material which shall arouse interest in the subjects upon which they have a direct bearing.

The demand for supplementary reading along all lines of school work can be met in no better or more satisfactory way than through the analysis of these stories. The "journey method" in geography, and the "topic method" in science as used in the class room, create a need for material which is often available only in story form. Probably no better or more entertaining description of Switzerland can be found for children than that given in the story of "Heidi," and the teacher who wishes to arouse interest in forestry will find Rolt-Wheeler's "The boy with the U. S. foresters" of value as giving a popular and interesting account of the subject in story form. The child whose attention is called to Bassett's "Story of wool" will find interesting facts about the wool industry.

Children may become interested in history by reading Howard Pyle's "Otto of the silver hand" when a less entertaining book on the middle ages would make no appeal. The same is true of biography. Andrews' "Perfect tribute" is one of the best accounts of Lincoln a child can read. It gives an insight into the character of the man which a child could never get from a biography.

The stories which tell of the customs of a people should be entered under the place. "The Japanese twins," by Perkins, gives an interesting account of a certain phase of life in Japan which would be lost to those seeking information on Japan if the book were not entered under Japan—*Stories*.

Stories emphasizing ethical themes are useful if grouped under these ethical headings and thus made available for teachers and parents who wish to teach ethics through stories. These headings must be carefully chosen and assigned only to those stories which

are dignified and free from sentimentality. F. J. Gould's two books called "Children's Plutarch" may be entered under the heading Ethical stories as well as under Biography, and Greece, Ancient.

The heading Ethical stories is used for collections only; the stories devoted to a single ethical topic should be entered under that topic, as Industry, Kindness, Cheerfulness, etc. The adjective form of entry has been chosen for some types of stories, as Ethical stories, School stories, Sea stories, etc. In these cases the subject is better expressed by a phrase.

A valuable subject index to juvenile stories has been compiled by Grace E. Salisbury and Marie E. Beckwith and has title: "Index to short stories; an aid to the teacher of children." This was published by Row, Peterson & Co., Chicago in 1907 and will be found very helpful in getting together material on a specific subject. It is especially full in its ethical headings.

POETRY—HOLIDAYS

Poetry. This general heading should be used for books or chapters *about* poetry only. Few children's books contain information of this kind so the heading will seldom find a place in the juvenile catalog.

Poetry—*Collections*. This heading is used for compilations or collection of poems by different authors. No distinction is made as to language. The analytical entry of poems contained in the books which fall under this general heading rests with the individual library, but very often a title or subject entry for the poems continually in demand is justifiable. Granger's "Index to poetry" is a useful key to the poems contained in many of these collections.

Poems by one author. A single poem, or a collection of poems by one author, need not be given a group entry in the catalog. Author and title entry for these will probably answer all reasonable demands. If it seems desirable to have a reference to a complete file of such books, reference may be made to the shelf list, where they are grouped together.

Poetry on a definite subject. *Poetry* is used as a form subdivision under subject for poems which are grouped according to subject, as Flowers—*Poetry*, Birds—*Poetry*, Christmas—*Poetry*, etc. These groups are often to be found in collections of poetry or in books which collect the various forms of literature devoted to one subject, as do some of the books on Christmas. This form subdivision should not be used to any extent for individual poems,

for such minute analytical work, while useful, can hardly be said to come within the scope of a catalog.

Readers and speakers. A heading used for books made up of collections of poetry and prose. The term Readers as used here does not include Primers. These are entered under Primers, but series of more advanced school readers may be listed under this heading, especially those adapted to grades above the third. Collections of recitations for special days are entered under the name of the day, as Thanksgiving day, New Year's day, etc.

Holidays. This heading is used as a group heading for the books covering many holidays and for customs observed in different countries when celebrating holidays and feast days. Exercises devoted to birthday celebrations, etc., are entered under the name of the day when it is a national holiday, as Washington's birthday, Lincoln's birthday; but other material is entered under the person, with subdivision *Birthday exercises*, as Longfellow, Henry Wadsworth—*Birthday exercises.*

Christmas. There is so much demand for literature on this subject that it has been given several subdivisions. Other subdivisions may be added when desirable.

Ballads. A ballad is a traditional and popular narrative poem, usually of unknown origin. Enter ballads of all peoples under this heading, making no language distinction. Reference may be made from English ballads, Irish ballads, etc., if it seems necessary. Groups of ballads are often contained in the books cataloged under Poetry—*Collections*, and these may be analyzed and brought under the specific heading if desired. Scudder's "Children's book" is one which may be so analyzed.

Folk songs. When Ballads are accompanied by music the heading Folk songs should be used, but do not include here the poems or songs when not accompanied by music. This heading is included because of the frequent requests from kindergarten and playground workers for these special songs.

Songs. To be used for all collections of songs with music, except Folk songs. Songs without music should be considered as poems.

Nursery rhymes. Used to include the Mother Goose melodies and other nursery rhymes and jingles, as Christina Rossetti's "Sing-song."

AMUSEMENTS

Amusements. A very broad heading used to include those general books which contain games, sports, occupations, recrea-

tions and other pastimes under one cover. It is often difficult to choose between this heading and Occupations for children, and it may be necessary to duplicate the entry under both headings in some cases. Few if any analytical entries will appear under Amusements; it should be kept as an inclusive heading only, but references must be freely made from it to all the specific headings which are related. These references should include all subjects which amuse or entertain, such as Plays, Camping, Moving pictures, etc.

Books of amusement are of two kinds, those written to instruct through play and those having no instructional purpose. The instructional value of the former group may be emphasized by bringing them out under either of the two headings: Occupations for children or Scientific recreations. These are not headings which children will use, but are introduced to group material for assistants, teachers and parents.

Occupations for children. Under this heading are grouped the miscellaneous handbooks for boys and girls. These usually take up various pastimes, some handwork and games and sports. The "American boys' handybook" and Bowker's "Busy hands" fall into this class.

Scientific recreations. This heading is reserved for those books which introduce scientific experiments and give some knowledge of chemistry, physics and the other natural sciences. They are usually too unmethodical in arrangement to be given a scientific heading, but contain facts enough to give them value from a popular scientific standpoint. Hopkins' "Experimental science" takes this heading.

The chapters devoted to a definite occupation, as Paper work, Beadwork, etc., should be entered under these specific headings. As books of this nature often include various kinds of handwork they may be referred to from several broad headings; for example, refer to Beadwork from Sewing, Handicraft and Occupations for children.

Sports. Used to include all outdoor games and recreations grouped in one book, as Camp's "Book of college sports."

Athletics. Confined to the track and team games, as Lee's "Track athletics in detail."

Physical education. To cover books on exercise which emphasize the physical development of the body and so usually have a teaching purpose, as Blaikie's "How to get strong."

Games. Used for indoor games grouped in one book or for books including both indoor and outdoor games. Individual games

are entered under the separate headings as, Dominoes, Checkers, Golf, Baseball, Football, etc.

Plays. A group heading used to cover single plays, collections of plays and amateur theatricals. Dramatic readers may be included here if one wishes to eliminate that term as a main heading.

Drama. Included only to cover the books or chapters *about* the drama. It is used as a subject and not a form heading and will be needed but seldom.

SCIENCE

Most of the headings given to the scientific books for children are so definite that their selection offers few problems. It is only when several subjects are combined in one book that it is difficult to select a broad heading which will cover the whole.

Science in its broad sense is used to include the books which cover both the natural and applied sciences. They are usually very miscellaneous in character, and include such titles as Buckley's "Fairy land of science" and Hooker's "Child's book of nature."

Natural history. Natural history is limited to books which include both animals and plants, as Gibson's "Blossom hosts" and "Eye spy."

Botany, Zoology. The broad science headings such as Botany and Zoology will need to be used but rarely and only for those books which discuss the classification of plants or animals. They are technical rather than popular. Mathews' "Field book of American wild flowers" takes the heading Botany, and Zoology is given to Wood's "Our living world."

Plants, Animals. These headings are used for the less scientific books. They are descriptive rather than technical and include such titles as Dana's "Plants and their children" and Wright's "Stories of birds and beasts."

Flowers. Used for the books consisting of chapters on definite flowers, as Morley's "Flowers and their friends." Names of flowers are used as subject headings when analyzing these books or for books which treat of one variety, as Roses.

Nature. Nature is an indefinite term and therefore should seldom be used as a main subject heading. The word does not express a subject, but is rather a term used to suggest ideals of outdoor life. It is the term linked with Poetry to cover the collections of poems on Birds, Flowers, Trees, etc., as does Lovejoy's "Poetry of the seasons." It may be used with the subdivision

Stories as a supplementary heading for such a book as Cooke's "Nature myths."

USEFUL ARTS

The books in this group which sometimes present difficulties are those which are made up of miscellaneous chapters and so require group headings. Archibald Williams' books come under this class and other "How to" books as well as the "Stories of industry" as told by Chase and Clow. Three subject headings have been chosen for the sake of grouping books of this character: Industries, Manufactures and Handicraft.

Industries. Used for the books devoted to the mechanical and economic aspects of the great industries. The study is usually made by tracing certain types, as cotton, lumber, sugar, coal, etc., from the production of the raw material through the various changes needed to make the product useful to man. A book of this type is Keller and Bishop's "Commercial and industrial geography."

Manufactures. Includes those books which tell how definite articles are made in a commercial sense. Williams' "How it is made" takes this heading.

Handicraft. Used for those books which describe in detail for the amateur the construction of simple machines, manufactured articles, toys, etc., as does Waite's "Boys workshop." It is made to include arts and craft work and all other handwork concerned with the application of art to industry. The heading may sometimes duplicate the heading Occupations for children, but it is usually used for books somewhat more advanced than those included under that heading.

Manual training. "In spite of many objections, the term 'manual training' has come to be generally applied to all forms of constructive handwork when used as an agent in general education." Monroe. "Cyclopedia of education."

Used only for the books which have this educational purpose.

Carpentry. Used for the books on woodworking which are not included under the heading Manual training or Woodcarving. Foster's "Carpentry and woodwork" takes this heading.

These scientific headings follow the same ruling as to the use of specific terms as that applied to other subjects. If a bridge has a special name, enter under that name, as Brooklyn bridge, and do not include the material under Bridges.

Subjects may sometimes be collected through references. Fuel is an example of this. The books and chapters on coal, gas, peat,

petroleum and wood all touch upon these products as fuel, and yet no one of them covers the subject sufficiently to warrant a heading. In the adult catalog the reader interested in fuel would know of the relation of these subjects, but the children are not versed enough in science to make the deduction.

BIOGRAPHY—HISTORY—GEOGRAPHY

Biography. A broad group heading used for those collections which are too general to be limited to any one class or subject, as Harper's "Leaders of men" and Steedman's "When they were children." When lives of persons belonging to any special class or occupation are collected in one book, the subject heading should be expressive of that class or occupation; for example, a collection of sketches of literary men and women takes the heading Authors, and if a collection is made up of lives of Explorers, Inventors, or Presidents, these specific headings are adopted. Such headings as Kings and rulers, Queens, Soldiers, etc., should be freely used for collective biographical material.

Individual biography. Much good material about individuals is buried in the collective biographies and in works of history and description, and for this reason it is wise to be generous in making analytical entries for persons of any importance. McMurry's "Pioneers of the Mississippi valley," the Morris series of "Historical tales," Parkman's "Prose passages," all contain valuable biographical material although the books are classed as History.

When the same personal name is used for both a subject and an author entry in the dictionary catalog, the form of this name must of course be the same for both entries. Books by Louisa May Alcott and books about her should be entered under the same fullness of name.

Heroes and heroism. This heading includes three subjects in one: (1) it is used for collections of hero-tales which are also entered under Legends, as Canton's "Child's book of warriors"; (2) for those biographical sketches of real people in which the author tells his story to emphasize the heroic quality of the character, as Baldwin's "American book of golden deeds"; and (3) it is made to cover the ethical collections which emphasize deeds of heroism and valor, as Ewing's "Jackanapes."

History and biography. Detailed biographical facts make little appeal to children, nor does history as told in textbooks arouse much interest, so the author in order to make his history interesting often resorts to the method of having his historical setting

center in a hero of the time. It is often difficult to determine the classification of books of this character, but if there is doubt it is usually safer to consider them as Biography. The two books by Marshall, on Cromwell and Napoleon, seem to be on the border line between history and biography, but they are so limited to the actions and achievements of those two leaders that they are classed as Biography. These biographies of historical figures should be connected with the history by references, as England—*History*. *See also* Cromwell, Wellington, etc.

HISTORY

Those histories which give a consecutive and connected narrative, as do Marshall's "Island story" and Guerber's "Story of the English" are entered under the place with subdivision *History*, as England—*History*.

In other history material for children the writer approaches his subject through biographical characters and by narrating great events which interest through their dramatic setting. Because of this method of treatment the same plan of entry is recommended as is followed in other subjects, namely to enter directly under the specific heading rather than use the specific heading as a subdivision under the broad class, as American revolution, not United States—*History—Revolution*. This gives the alphabetical rather than the chronological arrangement, and while it will in some libraries be a divergence from the arrangement followed in the adult catalog for the same material, I believe the practical use to the child will justify the change.

North America. Most of the books which take this heading are entered under the subdivision *Discovery and settlement*. As the period divisions are not sharply drawn in children's books it will be difficult in some cases to limit the entry to this one heading. Often the heading Colonial period, United States, will have to be used also. Many books which are entered under United States—*History* should be analyzed to bring out the period of discovery.

United States. Used for general histories. Do not enter here the books on Discovery of America; these go under North America. References must be made to each specific event or period of United States history which is entered under its definite name, as Louisiana purchase, Declaration of independence, Spanish-American war, etc.

The West. Covers the history and description of that part of

the United States west of the Mississippi river, if not limited to some state or region of less extent, as the Rocky mountains, in which case the more specific heading is used. References are made from this heading to Frontier life and Ranch life.

Frontier life is used to bring together the biographies and histories which show this phase of life, as Barstow's "The westward movement," and Grinnell's "Beyond the old frontier." The heading is not limited to any special region.

Northwest Territory, United States is used as a history heading and not as a geographical heading. Do not enter here the books descriptive of the region between the Ohio and Mississippi rivers and the Great Lakes. It applies only to the Old Northwest Territory. Baldwin's "Conquest of the Old Northwest" takes this heading.

Wars are entered under the name of the war and not as a subdivision of the country where fought, as Mexican war, War of 1812, Crimean war, etc. Reference is always made from the history heading to the war and the reverse reference should be made unless the history books are fully analyzed.

Battles. This heading is used to include accounts of battles fought on land and sea or land battles alone. Naval battles are entered under Naval battles. Single battles are entered under the name of the battle, as Marathon, Battle of; Gettysburg, Battle of, etc. Reference is made from Wars to individual battles and also from Battles to names of battles.

Explorers. A heading used to include exploration not limited to one country and also the biographical material, or collections of lives of explorers. Verne's "Famous travels and travelers" takes this heading, as does Jenks' "Boy's book of explorations." When the exploration is limited to one country, it is entered under that country, as Africa—*Exploration.* Explorations made by individuals are entered under the individual, as Stanley, Hudson, etc. As a subdivision under United States it includes explorations made into the western part of the country and should not be confused with the subject of early discovery. McMurry's "Pioneers of the Rocky mountains and the West" takes the heading, United States —*Exploration.*

Voyages is used for sea voyages not limited to a definite region, as Dana's "Two years before the mast." Voyages to a definite region are entered under that region, as Arctic regions.

Travel is used for those land and sea journeys covering many countries, which are not undertaken for purposes of exploration. If limited to any one country the entry is under country

with subhead *Description and travel*, as Mexico—*Description and travel* for Plummer's "Roy and Ray in Mexico."

Manners and customs is used as a main heading and also as a subdivision under place. It covers those books which describe the life and habits of the people of a definite locality and are written to acquaint children with people who live in far away countries. Many geography readers take this heading. Andrews' "Seven little sisters" takes the general heading Manners and customs, and Headland's "The Chinese boy and girl" takes the heading China—*Manners and customs*. *Description and travel* is used under place when the book gives an account of a place, while *Manners and customs* is used when the people are described.

GEOGRAPHY

Geography. Used as a main heading and as a subdivision under place if desired. As a main heading it is used to cover books descriptive of the natural features of the earth, clime, products, races of men, and often these include industries and commerce. These books are usually textbooks, such as Tarr and McMurry's Geographies. The books limited to the industries, commerce, manufactures, etc., of the people without discussion of the physical features of the land are entered under Industries. This heading is more closely defined in the chapter on Science.

Geography is used as a subdivision under place only when it is desirable to bring all the material of one place together, such as all the books or chapters bearing on one's own State, as Pennsylvania—*Geography*, or Wisconsin—*Geography*.

Physical geography. Used for such books as Kingsley's "Madame How and Lady Why" as well as the more definite textbooks, as Davis' "Elementary physical geography." It is limited to the physical features of the earth, as earthquakes, volcanoes, coral reefs, glaciers, rivers, etc.

Geography—*Readers*. Used as a group heading for the books which are valuable for purposes of supplementary reading, but which are rather too popular and miscellaneous to be entered under Geography, as Carpenter's "How the world is housed."

List of Subject Headings

INTRODUCTION

This List includes all the subject entries which have been actually used in making a full analytical dictionary catalog of a collection of children's books belonging to one of the larger public libraries. No headings have been eliminated—geographical names, personal names, names of birds, flowers, trees, animals, machines, cities, days, etc., have all been included. The number of such names is only limited by the scope of the collection cataloged.

Because the headings given are limited to one collection, it necessarily follows that many new subjects will have to be added when cataloging any other library. This List is merely a working basis to be used as a foundation for making lists which shall meet individual needs. New headings must be added as needed and these must be correlated with the ones already included; references must increase with the development of subjects, and definitions must be formulated to insure uniformity of treatment. The United States Department of Agriculture, for example, has just issued a very good pamphlet on Bird houses which will be added to the collections in many children's rooms, and when this is cataloged the heading Bird houses must be added to this List because it is a subject not yet represented.

Form divisions. *Poetry* (Page 15) and *Stories* (Page 13) may be used as subdivisions under any subject in this List when it is desirable to emphasize these forms, as Indians of America—*Stories*, Birds—*Poetry*, Middle ages—*Stories*, Russia—*Stories*, Civil war, United States—*Stories*.

Subdivision under place. The following subdivisions may be used under any place name:

Description and travel (Page 20)
Exploration (Page 22)
Folklore (Page 12)
Geography (Page 23)
History (Page 21)
Manners and customs (Page 23)

These subdivisions have only been given in the List when it was necessary to indicate the references to and from the subject, as England—*Description and travel*. The fact that they are not given is no indication that their use is not recommended.

Place versus subject entry. When it is necessary to choose between place and subject, preference is given to subject. The books to be cataloged seldom emphasize the local side of a subject and the children are more often led to the direct subject than to the country of which that subject may be used as a subdivision. For those who wish to make the juvenile catalog consistent with the adult catalog, or who desire to group subjects under the United States as main entry, a list of such subdivisions has been added at the end of the List. If this is used the duplicate entries in the main part of the List must be deleted, and references made from the subdivisions to the United States headings, as Industries *see also* United States—*Industries.*

References. References have been very generally suggested, but should be used at the discretion of the cataloger. Where so many specific and minute terms are used it is essential to keep the chain of references quite complete. They are needed not only to correlate subjects, but also to suggest specific headings which might not occur to the cataloger.

In the juvenile catalog it is necessary to consider the individual books entered under the subjects to which and from which we refer. We must be sure that the heading to which reference is made contains new material and not analytical entries for the identical book which is already entered under the heading referred from. A book on Sports would be entered under this heading and each chapter would be entered under its special subject, as Football. If we refer from Sports to Football we may not be getting any more material than we had under Sports.

References have been freely made from small to larger subjects. This is contrary to the general rule, but in a catalog of this kind it will be found necessary. For example, the catalog may show but one entry under Pilgrim fathers, but more material is to be found in the books entered under Colonial period. Unless every bit of material is analyzed these references should be made.

General references have been added in many cases after the "See also" references merely to save space. Many catalogers will find it more useful to mention definite terms than to use the phrase with only one example. It is more definite to refer from a history heading to all the wars by name than to say "See also names of wars."

Personal names. Proper names have been included so they may be easily accessible to the cataloger. The same names are certain to appear in the juvenile catalogs of the various libraries and often it is difficult to identify them or discover the correct

form of entry. The full form is given in every case where it has been possible to obtain it, but the short form recommended for use in a catalog for children has been indicated by inclosing the part not to be used in brackets, as Garfield, James A[bram]. The form recommended is that commonly used in the schools; for example, James Russell Lowell is left full because the children learn of Lowell by his full name. They do not know Mrs Priscilla (Mullins) Alden, but do know Priscilla Alden. Names not well known, or which there was no definite reason for abbreviating, have been left in full, to be shortened at the discretion of the cataloger.

Only one name is used for classical names unless more are needed for identification or to distinguish from another of the same name.

The phrase which connects kings and queens with their country has been retained, but the rest of the name is considered unnecessary. Noblemen and other titled persons are shortened to the title only, as Marlborough, duke of.

References are given from the form of the name not used to the one adopted, and these are traced in the same way as subjects.

Abbreviations. (s) after a subject heading indicates that the reference from that subject is a "see" reference. Subjects not so marked are "see also" references. The abbreviation *e. g.* has been used to introduce examples in order to make this List uniform with the A. L. A. "List of subject headings," but in a catalog for children it would be better to introduce such examples by *as.*

Page references. The page numbers after some of the headings refer to the discussion of those headings in this text.

SUBJECT HEADINGS FOR JUVENILE BOOKS

À Becket, St. Thomas *see* Thomas à Becket, St.
Abolition of slavery *see* Slavery
Aboukir bay, Battle of, 1798 — *Refer from* Nile, Battle of the, 1798 (s)
Abyssinia
Acadia
Accidents
See also Life-saving; Shipwrecks — *Refer from* Emergencies (s); First aid in illness and injury; Injuries (s); Life-saving; Nurses and nursing
Acorns
See also Oak trees
Acrobats
See also Circus
Actors and acting
See also Drama; Miracle plays; Moving pictures; Operettas; Pageants; Pantomime; Plays; Puppet shows; Tableaux — *Refer from* Biography; Drama; Plays; Theater (s)
Adams, *Mrs* Abigail (Smith)
Adams, John
Adams, John Quincy
Adams, Samuel
Addison, Joseph
Addresses *see* Orations
Adobe
Adventure
See also Explorers; Frontier life; Hunting; Pirates; Sea stories; Shipwrecks; Sports; Travel; Voyages; (The) West — *Refer from* Escapes (s); Heroes and heroism; Stories (s); Voyages
Æneas
Aerial navigation *see* Airships; Balloons; Aeroplanes
Aeroplanes
See also Airships; Balloons — *Refer from* Aerial navigation (s); Airships; Biplanes (s); Flying; Flying machines (s); Mechanics; Sports; Transportation
Æsop — *Refer from* Esop (s)
Ætna, Mount, *see* Etna, Mount
Afghanistan
Africa
——Description and travel
See also Bushmen; Congo river; Nile river; Sahara desert; *also* names of countries, e.g. Egypt.

Africa—Continued
——Exploration
See also names of African explorers, e.g. Livingstone, David; Stanley, Sir Henry Morton — *Refer from* Discoveries (in geography) (s); Exploration (s); Explorers
Africa, South
See also Cape Colony; Kafirs — *Refer from* Boers; England—Colonies; Kafirs; South Africa (s)

——History
See also Boer war, 1899-1902
Agamemnon, *king of Mycenæ*
See also Trojan war — *Refer from* Greece, Ancient
Agassiz, Louis
Agesilaus II, *king of Sparta*
Agincourt, Battle of, 1415 — *Refer from* England—History; France—History

Agis IV, *king of Sparta*
Agricola
Agriculture *see* Farming
Aguinaldo, Emilio
Ainos — *Refer from* Japan
Air
See also Barometer; Liquid air — *Refer from* Atmosphere (s); Gases; Physics; Weather

Air, Liquid *see* Liquid air
Airships
See also Aeroplanes; Balloons — *Refer from* Aerial navigation (s); Aeroplanes; Balloons; Dirigible balloons (s); Flying; Flying machines (s); Gases; Mechanics; Zeppelins (s)

Alabama and Kearsarge (ships) — *Refer from* Kearsarge (ship) (s)
Alamo, Siege of the, 1836
Alaric, *king of the Visigoths* — *Refer from* Goths
Alaska — *Refer from* Arctic regions; Eskimos
Albemarle (ship) — *Refer from* Warships
Alchemy *see* Chemistry
Alcibiades
Alcott, Louisa May — *Refer from* Women—Biography
Alden, [*Mrs*] Priscilla [(Mullins)]
Aldrich, Thomas Bailey
Alembert, Jean le Rond d' — *Refer from* D'Alembert, Jean le Rond (s)
Alexander the Great, *king of Macedon* — *Refer from* Macedonia
Alexandria
Alfred the Great, *king of England* — *Refer from* England—History; Kings and rulers

Algeria — *Refer from* Moors
Alhambra — *Refer from* Moors; Spain—Description and travel

Alighieri, Dante *see* Dante Alighieri
All fools' day *see* April fools' day
Allen, Ethan
Alligators
See also Crocodiles; Reptiles — *Refer from* Crocodiles; Ocean life; Reptiles

Almanacs
See also Calendars — *Refer from* Astronomy; Calendars
Alphabet
See also Lettering; Primers; Writing — *Refer from* Language; Writing
Alps mountains — *Refer from* Mountains; Switzerland—Description and travel

Aluminum
See also Metals
Alvarado, Pedro de
Amateur theatricals *see* Plays

Amazon river	*Refer from* South America—Description and travel
Amazon valley	
Amber	
Ambition	*Refer from* Character; Ethical stories; Success
America *see* Central America; North America; South America; United States	
American colonial history *see* Colonial period, United States	
American flag *see* Flags	
American history *see* United States—History	
American Indians *see* Indians of America	
American literature *See also* Authors; Books and reading; Drama; English literature; Humor; Letters—Collections; Orations; Poetry; Poets; Readers and speakers	*Refer from* Authors; English literature; Literature; Literature—American (s)
American poetry *see* Poetry	
American revolution *See also* Boston massacre, 1770; Boston tea party, 1773; Declaration of independence; Stamp act, 1765; United States—History; *also* names of battles, e. g. Lexington, Battle of, 1775	*Refer from* Boston massacre, 1770; Boston tea party, 1773; Bunker Hill, Battle of, 1775; Declaration of independence; Lexington, Battle of, 1775; Revolutionary war, United States (s) Stamp act, 1765; United States—History; United States—History—Revolution (s)
Amsterdam	
Amusements (Page 16) *See also* Camping; Charades; Circus; Dances; Dolls; Electric toys; Fairs; Fencing; Fireworks; Fishing; Games; Handicraft; Hunting; Kites; Magic; Magic lanterns; Moving pictures; Occupations for children; Pageants; Pantomime; Paper work; Parties; Picnics; Plays; Puppet shows; Riddles; Riding; Scientific recreations; Skating; Soap bubbles; Sports; Tableaux; Toys; Tricks and puzzles; Ventriloquism	*Refer from* Entertainments (s); Games; Manners and customs; Occupations for children; Parties; Play (s); Recreations (s); Sports; Toys
Anatomy *see* Physiology	
Ancient history *see* History, Ancient	
Andersen, Hans Christian	
Andersonville prison	*Refer from* Prisons
Andes mountains	*Refer from* South America—Description and travel
André, *Maj.* John	
Andrea del Sarto	*Refer from* Sarto, Andrea del (s)
Andrée, Salomon Auguste	
Andrew, John Albion	
Andrews, Jane	
Androclus	
Angelico, *Fra* [Giovanni]	*Refer from* Fra Angelico (s)
Angélique de Saint-Jean *see* Arnauld, Angélique	
Angelo, Michael *see* Michael Angelo	
Angels	
Anglo-Saxons *See also* England—History	*Refer from* England—History; Saxons (s)
Animal houses *see* Animals—Houses	
Animal kingdom *see* Animals; Ocean life; Zoology	
Animal lore *see* Animals—Stories; Fables	
Animal stories *see* Animals—Stories	

Animals (Page 18)
See also Birds; Fish; Fossils; Hibernation; Hunting; Insects; Kindness to animals; Menageries; Natural history; Ocean life; Reptiles; Taxidermy; Worms; Zoology; *also* names of animals, e.g. Bears, Horses — *Refer from* Animal kingdom (s); Beasts (s); Domestic animals (s); Farm animals (s); Natural history; Nature; Wild animals (s); Zoology

——Care
See also Animals—Houses; Animals—Training; Kindness to animals — *Refer from* Animals—Houses; Kindness to animals; Pets

——Extinct
See also Fossils; Mammoths — *Refer from* Extinct animals (s); Fossils; Mammoths

——Houses
See also Animals—Care; Aquariums; Menageries — *Refer from* Animal houses (s); Animals—Care; Houses

——Poetry — *Refer from* Poetry—Collections

——Stories
See also Fables; *also* names of animals, subhead Stories, e.g. Birds—Stories, Dogs—Stories — *Refer from* Animal lore (s); Animal stories (s); Legends

——Training
See also Circus — *Refer from* Animals—Care

Animals, Kindness to *see* Kindness to animals

Annapolis, United States Naval Academy *see* United States Naval Academy, Annapolis

Anne, *queen of England* — *Refer from* Women—Biography

Anne Boleyn, *queen of England*

Anniversaries *see* Holidays; *also* names of special days, e.g. Thanksgiving day

Ant *see* Ants

Ant lions

Antarctic regions
See also Arctic regions; Explorers — *Refer from* Arctic regions; Discoveries (in geography) (s); Geography; Polar regions (s); South pole (s); Voyages

Antelopes

Anthony, Susan B[rownell]

Anthropology *see* Man

Antinous

Antiquities *see* Archaeology

Antiquity of man *see* Man—Prehistoric

Antislavery *see* Slavery

Antony, Mark

Ants — *Refer from* Ant (s)

Antwerp

Apes
See also Baboons; Monkeys — *Refer from* Baboons; Chimpanzees (s); Gorillas (s); Monkeys; Orang-outangs (s)

Appalachian mountains

Apple trees — *Refer from* Fruit

Apples — *Refer from* All fools' day (s); Holidays

April fools' day — *Refer from* Animals—Houses; Fish; Natural history; Ocean life

Aquariums — *Refer from* Engineering; Water supply

Aqueducts — *Refer from* Bedouins

Arabia

Arabian nights' entertainments

Aratus

Arbitration
See also Peace — *Refer from* Law; Peace

Arblay, *Mme* Frances (Burney) d'
see Burney, Fanny

Arbor day
See also Forestry; Nature; Trees — *Refer from* Days (s); Forestry; Holidays; Nature; Trees

Arbutus
Refer from Trailing arbutus (s)

Arc, Joan of *see* Joan of Arc

Archaeology
See also Arms and armor; Catacombs; Cave dwellers; Civilization; Cliff dwellers; Indians of America; Lake dwellers; Man—Prehistoric; Mound builders; Obelisks; Pyramids; Sphinx; Stone age; Temples; Tombs
Refer from Antiquities (s); History; Man—Prehistoric; Manners and customs; Ruins (s); Stone age

Archery
Refer from Arrows (s); Athletics; Bow and arrow (s); Games; Sports

Archimedes

Architecture
See also Bridges; Carpentry; Heating; Houses; Masonry; Metal work
Refer from Art; Building (s); Engineering; Houses

Arctic regions
See also Alaska; Antarctic regions; Eskimos; Explorers; Greenland; Icebergs; *also* names of Arctic explorers, e.g. Nansen, Fridtjof
Refer from Antarctic regions; Discoveries (in geography) (s); Eskimos; Geography; Ice; Icebergs; North pole (s); Northeast passage (s); Northwest passage (s); Polar regions (s); Voyages

Argentine Republic

Argonauts
Refer from Golden fleece (s); Heroes and heroism; Jason (s); Myths

Aristides

Aristotle

Arithmetic

Arizona

Arkwright, *Sir* Richard

Armada, 1588 *see* Spanish armada, 1588

Armenia

Armies *see* Army life; Battles; Flags; Naval battles; Naval life; Signals; Soldiers; Torpedoes; *also* names of countries, subhead Army, e.g. France—Army, United States—Army

Armor plate
See also Warships
Refer from Shipbuilding; Steel; Warships

Armored vessels *see* Warships

Armour, Philip D[anforth]

Arms and armor
See also Guns; Heraldry; Swords; Weapons
Refer from Archaeology; Costume; Guns; Heraldry; Swords; Weapons

Army, United States *see* United States—Army

Army life
See also Naval life; Soldiers
Refer from Armies (s); Military life (s); Soldiers; United States—Army

Arnauld, Angélique
Refer from Angélique de Saint-Jean (s)

Arnold, Benedict

Arnold, Thomas

Arrows *see* Archery

Art
See also Architecture; Artists; China painting; Clay modeling; Coins; Collectors and collecting; Costume; Design; Drawing; Embroidery; Etching; Furniture; Handicraft; House decoration; Ironwork; Jewelry; Lace; Leather work; Metal work; Museums; Music; Painting; Paper work; Photography; Pictures; Pottery; Pyrography; Sculpture; Sew-
Refer from Arts, Fine (s); Design; Fine arts (s); Painting; Sculpture

Art—Continued
ing; Stencil work; Tapestry; Wood-carving
——**Education**
Art galleries — *Refer from* Picture galleries (s)
Artaxerxes I, *king of Persia*
Artaxerxes II, *king of Persia*
Artesian wells — *Refer from* Water supply
Arthur, King (Page 10)
See also Holy grail — *Refer from* Round Table (s); Chivalry; Holy grail; King Arthur (s); Knights of the Round Table (s); Lancelot of the Lake; Legends; Merlin; Romances (s)

Arthur, Chester A[lan]
Artificial flowers *see* Paper work; Wax flowers
Artillery *see* Guns
Artists
See also Musicians; Painters; Sculptors; also names of artists, e.g. Michael Angelo — *Refer from* Art; Biography; Painters; Painting; Pictures; Sculptors
Arts, Fine *see* Art
Arts, Useful *see* Handicraft; Industries; Manufactures
Arts and crafts *see* Handicraft
Aryans
Ash trees
Asia
——**Description and travel**
See also Himalaya mountains; *also* names of countries, e.g. India — *Refer from* Levant
Aspiration *see* Ideals
Assisi, Francis of, St. *see* Francis of Assisi, St.
Assyria
Asters — *Refer from* Flowers
Astor, John Jacob
Astronomy
See also Almanacs; Aurora borealis; Calendars; Comets; Earth; Eclipses; Gravitation; Meteors; Moon; Planets; Seasons; Sky; Stars; Sun; Telescope; Tides — *Refer from* Comets; Eclipses; Gravitation; Meteors; Moon; Planets; Science; Sky; Solar system (s); Stars; Sun; Tides
Athens
See also Greece, Ancient; Parthenon — *Refer from* Greece, Ancient; Parthenon

Athletics (Page 17)
See also Archery; Baseball; Basketball; Fencing; Football; Olympic games; Physical education; Rowing; Running; Skating; Sports; Swimming; Walking — *Refer from* College athletics (s); Exercise (s); Games; Gymnasiums; Olympic games; Physical education; Play (s); Running; Sports; Track athletics (s)
Atlantic cable — *Refer from* Cables; Submarine cables (s); Telegraph

Atmosphere *see* Air; Weather
Attila, *king of the Huns*
Aucassin and Nicolette — *Refer from* Nicolette (s)
Auctions — *Refer from* Business; Commerce
Audubon, John James — *Refer from* Scientists
Augustine, St. [*abp. of Canterbury*] — *Refer from* Aurelius Augustinus (s); St. Augustine (s)

Augustus, [Caius Octavius,] *emperor of Rome* — *Refer from* Octavius Cæsar (s)
Aurelius Antoninus, Marcus, emperor of Rome *see* Marcus Aurelius, emperor of Rome

Aurelius Augustinus *see* Augustine, St. abp. of Canterbury
Aurora borealis — *Refer from* Astronomy; Light; Northern lights (s); Sky

Australasia
Australia — *Refer from* England—Colonies
——**Exploration** — *Refer from* Exploration (s); Explorers
Austria-Hungary — *Refer from* Hungary (s)
——Description and travel
See also names of cities, e.g. Budapest, Vienna
Authors
See also American literature; Books and reading; English literature; Journalism; Literature; Poets; *also* names of authors, e. g. Dickens, Charles — *Refer from* American literature; Biography; Books and reading; English literature; Literature; Poets; Writers (s); Writing
Automobiles — *Refer from* Manufactures; Mechanics; Motor carriages (s); Sports; Transportation

Autumn
See also Seasons — *Refer from* Fall (s); Seasons
Azores
Aztecs — *Refer from* Indians of America
See also Mexico; Montezuma II, emperor of Mexico
Baboons
See also Apes; Monkeys — *Refer from* Apes; Monkeys
Babylon
Bach, Johann Sebastian
Bacon, Francis
Bacon, Roger
Bacon's rebellion, 1676
See also Colonial period, United States — *Refer from* Colonial period, United States
Bacteria *see* Germs
Badgers
Bæda *see* Bede, *The Venerable*
Bahama islands — *Refer from* West Indies
Bainbridge, William
Baker, *Sir* Samuel White
Bakers and bakeries
See also Bread; Cooking — *Refer from* Baking (s); Bread; Food
Baking *see* Bakers and bakeries; Cooking
Balaklava *see* Light Brigade, Charge of the
Balboa, [Vasco Nuñez de]
Baldwin III, *king of Jerusalem*
Balearic isles — *Refer from* Spain—Description and travel
Balkan states
See also Bosnia; Bulgaria; Montenegro; Servia
Ball *see* Baseball; Basket-ball; Football
Ballads (Page 16)
See also Folk songs; Poetry; Songs — *Refer from* English literature; Folk songs; Folklore (s); Legends; Literature; Poetry—Collections; Songs

Balloons
See also Airships; Kites — *Refer from* Aerial navigation (s); Aeroplanes; Airships; Flying; Gases; Sports
Baltimore, [Cecilius Calvert,] *baron* — *Refer from* Calvert, Cecilius, baron Baltimore (s)

Bamboo — *Refer from* Furniture; Wood
Bancroft, George
Banian trees
Bank of England — *Refer from* Banks and banking
Banks, *Sir* Joseph

Banks and banking
See also Bank of England; Money — *Refer from* Business; Commerce; Finance (s); Money; Wealth

Banners *see* Flags
Bannockburn, Battle of, 1314
Barbados
Barbarossa, Frederick *see* Frederick I (Barbarossa), emperor of the Holy Roman Empire
Barnacles — *Refer from* Ocean life
Barney, Joshua
Barometer — *Refer from* Air; Physics; Storms; Thermometer; Weather

Barry, John, *commodore*
Barton, Clara
Baseball — *Refer from* Athletics; Ball (s); Games; Sports

Basket-ball — *Refer from* Athletics; Ball (s); Games; Sports

Baskets
See also Raffia work — *Refer from* Handicraft; Raffia work; Weaving

Basques — *Refer from* France—History
Bastille — *Refer from* Prisons
Baths and bathing
See also Diving; Swimming — *Refer from* Cleanliness (s); Hygiene; Swimming

Bats
Batteries *see* Electricity
Battle-ships *see* Warships
Battles (Page 22)
See also Naval battles; *also* names of battles, e. g. Marathon, Battle of, 490 B. C. — *Refer from* Armies (s); Fighting (s); History; Naval battles; Soldiers; War

Bayard, *chevalier* de
Bazaars
See also Fairs; Markets — *Refer from* Fairs; Markets
Beaconsfield, [Benjamin Disraeli,] *earl of* — *Refer from* Disraeli, Benjamin, earl of Beaconsfield (s)

Beadwork
See also Indians of America—Industries — *Refer from* Fancywork (s); Handicraft; Jewelry; Needlework (s); Sewing

Beans
Bears — *Refer from* Animals
Beasts *see* Animals
Beavers
Becket, St. Thomas à *see* Thomas à Becket, St.
Bede — *Refer from* Bæda (s)
Bedford, [John Plantagenet,] *duke* of — *Refer from* John of Lancaster (s)
Bedouins
See also Arabia
Beecher, Henry Ward
Bees — *Refer from* Farming
Beet sugar
See also Sugar — *Refer from* Sugar
Beethoven, Ludwig van
Beetles
See also Insects — *Refer from* Insects
Behavior *see* Conduct; Manners
Belgium
Bell, Alexander Graham
Bell, Currer, *pseud. see* Brontë, Charlotte, afterward Mrs Nicholls, (*pseud.* Currer Bell)

Benares
Benbow, John
Bennett, James Gordon
Benton, Thomas Hart
Beowulf — *Refer from* Folklore (s); Legends
Berbers
Berlin — *Refer from* Germany — Description and travel
Berlioz, Hector
Bermuda islands
Bernardin de Saint Pierre, Jacques Henri *see* Saint Pierre, Jacques Henri Bernardin de
Berries *see* Fruit; *also* names of special berries, e.g. Cranberries
Bessemer, *Sir* Henry — *Refer from* Steel
Bible — *Refer from* Holy Bible (s); Jesus Christ; New testament (s); Old testament (s)
Bible stories — *Refer from* Religion; Stories (s)
See also David; Jesus Christ; Jews; Moses
Bickerstaff, Isaac, Esq. *pseud. see* Steele, Sir Richard
Bicycles and bicycling — *Refer from* Cycling (s); Sports
See also Motor cycles
Biddle, Nicholas
Big game *see* Hunting
Big trees — *Refer from* Trees
Biography (Page 20) — *Refer from* History; Lives (s); United States—Biography (s); Women—Biography
See also Actors and acting; Artists; Authors; Doctors; Explorers; Girls; Heroes and heroism; Indians of America—Biography; Inventors; Kings and rulers; Ministers; Musicians; Painters; Pilgrim fathers; Poets; Presidents; Queens; Sailors; Saints; Scientists; Sculptors; Soldiers; Statesmen; Teachers; Women—Biography
Biplanes *see* Aeroplanes
Birch trees — *Refer from* Trees
Bird day — *Refer from* Birds; Days (s); Holidays
Birds — *Refer from* Animals; Flying; Nature; Nests; Ornithology (s); Zoology
See also Bird day; Eggs; Falconry; Flying; Nests; Taxidermy; also names of birds, e.g. Robins, Sparrows
——**Migration** — *Refer from* Migration of birds (s)
——**Songs**
——**Stories** — *Refer from* Animals—Stories
Birds' eggs *see* Eggs
Birds' nests *see* Nests
Birds of paradise
Birthdays *see* Holidays; Lincoln's birthday; Washington's birthday; *also* names of people, subhead Birthday exercises, e.g. Longfellow, Henry Wadsworth—Birthday exercises (Page 16)
Bismarck, *Prince* von
Bison *see* Buffaloes
Black, Joseph
Black Douglas *see* Douglas, Sir James
Black Forest — *Refer from* Germany — Description and travel
Black Hawk, *Indian chief*
(The) Black Prince *see* Edward, the Black Prince

Blackbirds
Blackboard drawing — *Refer from* Chalk modeling (s); Drawing
Blacksmithing — *Refer from* Forging (s); Horseshoeing (s); Industries; Ironwork; Trades (s)

Blackstone, William
Blaine, James G[illespie]
Blake, *Admiral* Robert
Blarney stone
Blue grotto
Blue jays
Boadicea
Boarding school stories *see* School stories
Boars
Boasting — *Refer from* Character; Ethical stories
Boat racing *see* Rowing
Boats and boating
See also Canoes and canoeing; House boats; Ice boats; Life-saving; Motor boats; Rowing; Ships; Steamboats; Submarine boats; Torpedo boats; Yachts and yachting — *Refer from* Canoes and canoeing; House boats; Ice boats; Rowing; Sailing (s); Shipbuilding; Ships; Sports; Yachts and yachting
Bobolinks
Body, Human *see* Hygiene; Physiology
Boer war, 1899-1902 — *Refer from* Africa, South — History; Boers; South African war, 1899-1902 (s)

Boers
See also Africa, South; Boer war, 1899-1902.
Boleyn, Anne *see* Anne Boleyn, queen of England
Bolivar, Simon
Bolivia
Bombay — *Refer from* India—Description and travel
Bon Homme Richard and Serapis (ships) — *Refer from* Serapis (ship) (s)
Bonaparte, Louis Napoleon *see* Napoleon III, emperor of the French
Bonaparte, Napoleon *see* Napoleon I, emperor of the French
Bondone, Giotto Angiolotto *see* Giotto, Angiolotto Bondone
Bonheur, Rosa
Boniface, St. — *Refer from* St. Boniface (s)
Bookbinding
See also Leather work — *Refer from* Books and reading; Handicraft; Industries

Books and reading
See also Authors; Bookbinding; Literature; Printing — *Refer from* American literature; Authors; Education; English literature; Literature; Readers and speakers; Reading (s); Writing

Boone, Daniel
Booth, *Mrs* Ballington
Booth, *Mrs* Catherine (Mumford)
Boots *see* Shoes
Border life *see* Frontier life
Borneo — *Refer from* Dyaks; East Indies
Bosnia
See also Balkan states — *Refer from* Balkan states
Boston — *Refer from* United States—Description and travel.

Boston massacre, 1770
See also American revolution — *Refer from* American revolution; Colonial period, United States

Boston tea party, 1773
See also American revolution — *Refer from* American revolution; Colonial period, United States

Botany (Page 18)
See also Buds; Bulbs; Cells; Flowers; Fossils; Fruit; Gardens and gardening; Herbariums; Leaves; Natural history; Nature; Parasites; Plants; Seeds; Trees; Weeds — *Refer from* Buds; Flowers; Leaves; Natural history; Nature; Plants; Roots; Science; Seeds
Bouillon, Godfrey de *see* Godfrey de Bouillon
Bow and arrow *see* Archery
Bowie, James
Boy scouts — *Refer from* Boys; Clubs; Scouts and scouting (s); Sports
Boyesen, Hjalmar Hjorth
Boys
See also Boy scouts; Children; Education — *Refer from* Children
Brahe, Tycho — *Refer from* Tycho Brahe (s)
Brant, Joseph
Brass
See also Bronze — *Refer from* Bronze; Copper; Metal work; Metals; Zinc
Brassey, Annie, *lady*
Bravery *see* Courage; Heroes and heroism
Brazil — *Refer from* South America—Description and travel
Bread
See also Bakers and bakeries; Cooking; Flour — *Refer from* Bakers and bakeries; Flour; Food
Bremer, Fredrika
Brian Boru, *king of Ireland*
Bricks
See also Masonry — *Refer from* Manufactures; Masonry
Bridges
See also Brooklyn bridge — *Refer from* Architecture; Engineering; Masonry; Suspension bridges (s)
Bright, John
Brindley, James
British America *see* Canada
British Columbia
British Guiana *see* Guiana
British museum — *Refer from* London; Museums
Brittany — *Refer from* France — Description and travel
Brontë, Charlotte, [*afterward Mrs* Nicholls, (*pseud.* Currer Bell)] — *Refer from* Bell, Currer, pseud. (s)
Bronze
See also Brass — *Refer from* Brass; Copper; Metal work
Brooklyn bridge — *Refer from* Bridges; Suspension bridges (s)
Brooks, Phillips, *bp.*
Brown, John, *of Ossawatomie*
Browning, *Mrs* Elizabeth (Barrett)
Bruce, James
Bruce, Robert, king of Scotland *see* Robert Bruce, king of Scotland
Bruges
Brunhild
Brussels
Brutus, Marcus [Junius]
Bryant, William Cullen
——Birthday exercises
Buccaneers *see* Pirates
Buchanan, James
Buckland, Francis Trevelyan
Budapest — *Refer from* Austria-Hungary — Description and travel

Buddha and Buddhism
Refer from Religion

Buds
See also Botany; Flowers

Refer from Botany; Flowers; Leaves; Plants

Buenos Ayres
Buffalo Bill *see* Cody, William Frederick
Buffalo Jones *see* Jones, Charles Jesse
Buffaloes
Refer from Bison (s)

Building *see* Architecture; Carpentry; Engineering; Houses; Log cabins; Masonry
Bulbs
See also Flowers; Plants

Refer from Botany; Plants

Bulgaria
See also Balkan states

Refer from Balkan states

Bull, Ole
Bullfights
Refer from Fighting (s); Sports

Bulwer-Lytton, Edward George Earle Lytton, baron Lytton *see* Lytton, Edward George Earle Lytton Bulwer-Lytton, baron
Bunker Hill, Battle of, 1775
See also American revolution
Bunyan, John
Buoys
Refer from Harbors; Life-saving; Signals

Burdett-Coutts, [Angela Georgina,] *baroness*
Refer from Coutts, Angela Georgina Burdett- (s)

Burke, Edmund
Burma
Burnett, *Mrs* Frances (Hodgson)
Burney, Fanny
Refer from Arblay, Mme Frances (Burney) d' (s); D'Arblay, Mme Frances (Burney) (s)

Burns, Robert
Refer from Poets

Burnside, *Gen* Ambrose Everett
Burnt wood work *see* Pyrography
Burr, Aaron
Burr, Theodosia
Burritt, Elihu
Burros *see* Donkeys
Burroughs, John
Burton, *Sir* Richard Francis
Bushmen
Refer from Africa—Description and travel; Hottentots

Business
See also Auctions; Banks and banking; Commerce; Commercial travelers; Industries; Mail service; Manufactures; Markets; Money; Occupations, Choice of; Shorthand; Success; Typewriting; Wealth

Refer from Commerce; Industries; Money; Occupations, Choice of; Stores (s); Success; Trade (s); Trades (s); Wealth

Butler, [Elizabeth Southerden (Thompson),] *lady*
Butter
Refer from Cows; Dairy (s); Farming; Milk

Butterflies
See also Caterpillars; Moths

Refer from Caterpillars; Chrysalis (s); Cocoons (s); Insects; Moths

Butterworth, Hezekiah
Buxton, *Sir* Thomas Fowell
Byron, [George Gordon Noel,] *lord*
Cabeça de Vaca, Alvarez Nuñez *see* Nuñez Cabeça de Vaca, Alvarez
Cabinet work *see* Carpentry; Furniture
Cabins *see* Log cabins

Cable, George Washington
Cables
See also Atlantic cable — *Refer from* Rope; Submarine cables (s); Telegraph

Cabot, John
Cabot, Sebastian
Cabrillo, Juan Rodriguez
Cactus
Cædmon
Cæsar, Julius — *Refer from* Rome, Ancient
Cairo — *Refer from* Egypt — Description and travel

Calais, Siege of, 1347
Calcutta
Calendars
See also Almanacs — *Refer from* Almanacs; Astronomy
Calhoun, John Caldwell
Calico printing — *Refer from* Cloth; Cotton; Dyeing; Printing

California — *Refer from* (The) West
Caligula, *emperor of Rome*
Calvert, Cecilius, baron Baltimore *see* Baltimore, Cecilius Calvert, baron
Cambyses III, *king of Persia*
Camels
Cameras *see* Photography
Cameron, Verney Lovett
Camillus
Campanile of Giotto — *Refer from* Giotto's campanile (s)
Camperdown, Adam Duncan, viscount Duncan of *see* Duncan, Admiral Adam Duncan, viscount
Camping
See also Outdoor life; Tents — *Refer from* Amusements; Country life; Outdoor life; Sports; Tents

Canada — *Refer from* British America (s); England—Colonies

——Description and travel
See also names of cities, e.g. Quebec
Canals
See also Erie canal; Panama canal; Suez canal — *Refer from* Commerce; Engineering; Transportation; Water supply
Canaries
Canary islands
Candles — *Refer from* Lighting; Manufactures
Candy — *Refer from* Confectionery (s); Cooking; Sugar

Canning, George
Cannon *see* Guns
Cano, Alonso
Canoes and canoeing
See also Boats and boating — *Refer from* Boats and boating; Rowing; Sports; Yachts and yachting

Canova, Antonio
Cantatas
See also Operettas; Plays — *Refer from* Music; Operettas; Plays
Canterbury, England
Canton, China
Canute, *king of England, Denmark and Norway* — *Refer from* Knut the Great (s)
Cape Breton island
Cape Colony — *Refer from* Africa, South
Capri, Island of — *Refer from* Italy—Description and travel
Cardboard construction *see* Paper work
Carnegie, Andrew

Carnegie Hero Fund Commission
Refer from Hero Fund (s); Heroes and heroism

Carnivals *see* Mardi Gras
Caroline islands
Carols *see* Christmas—Songs; Songs
Carpentry (Page 19)
See also Houses; Lathes; Log cabins; Manual training; Tools; Wood carving
Refer from Architecture; Building (s); Cabinet work (s); Industries; Manual training; Tools; Trades (s); Turning (s); Woodwork (s)

Carpets
See also Rugs
Refer from Cloth; House decoration; Manufactures; Rugs; Weaving

Carrier pigeons *see* Pigeons
Carson, Kit *see* Carson, Christopher
Carson, Christopher
Refer from Carson, Kit (s)
Cartier, Jacques
Carving *see* Sculpture; Wood carving
Cary, Alice
Cary, Phœbe
Castles.
See also Warwick castle; Windsor castle
Refer from Middle ages
Castro, Ines de
Refer from Iñez de Castro (s)
Catacombs
Refer from Archaeology; Caves; Rome (city); Tombs

Catbirds
Caterpillars
See also Butterflies; Moths
Refer from Butterflies; Chrysalis (s); Cocoons (s); Insects; Moths; Worms

Catharine of Siena, St.
Refer from St. Catharine of Siena
Catharine I, *empress of Russia*
Catharine II, *empress of Russia*
Catharine de' Medici, *queen of France*
Catharine of Aragon, *queen of England*
Cathedrals
See also Notre Dame, Paris; St. Paul's Cathedral, London; St. Peter's, Rome
Cato, [Marcus Porcius,] *the elder*
Cato, [Marcus Porcius,] *the younger*
Cats
Refer from Pets
Cattle
See also Cows
Refer from Cows; Dairy (s); Farming; Oxen (s)

Caucasian race
Cavalier, Jean
Cave dwellers
Refer from Archaeology; Caves; Man—Prehistoric

Cavendish, Henry
Caves
See also Catacombs; Cave dwellers; Mammoth cave
Refer from Physical geography
Caxton, William
Cedar trees
Celebes island
Cellini, Benvenuto
Cells
Refer from Botany
Central America
See also Costa Rica; Guatemala; Honduras; Nicaragua
Refer from America (s)

Cereals *see* Grain
Cervantes Saavedra, Miguel de
Ceylon

Chairs *See also* Furniture	*Refer from* Furniture
Chaldea	
Chalk	*Refer from* Geology
Chalk modeling *see* Blackboard drawing	
Chalmers, James	*Refer from* Tamate (s)
Chalmers, Thomas	
Chambers, William	
Chameleons	
Chamois	
Champlain, Samuel de	
Champlain, Lake	
Channel islands	
Chantrey, *Sir* Francis	
Character *See also* Ambition; Boasting; Cheerfulness; Conceit; Conduct; Contentment; Courage; Ethical stories; Faith; Gratitude; Greediness; Helpfulness; Heroes and heroism; Honesty; Hope; Ideals; Idleness; Industry; Justice; Kindness; Obedience; Orderliness; Patience; Perseverance; Pride; Promptness; Self-control; Selfishness; Service; Temperance; Thoroughness; Thoughtfulness; Truthfulness; Unselfishness; Usefulness.	*Refer from* Conduct; Ethics (s); Ethical stories; Success
Charades *See also* Plays; Riddles; Tableaux; Tricks and puzzles	*Refer from* Amusements; Drama; Plays; Riddles; Tableaux; Tricks and puzzles
Charcoal	
Charge of the Light Brigade *see* Light Brigade, Charge of the	
Charlemagne, *emperor of the West* (Page 10)	
Charlemagne romances (Page 10)	*Refer from* Chivalry; Legends; Romances (s)
Charles I, *king of England*	
Charles II, *king of England*	
Charles V, *emperor of Germany*	
Charles XII, *king of Sweden*	
Charles Edward Stuart, the Young Pretender *see* Stuart, Charles Edward, the Young Pretender	
Charles the Bold, *duke of Burgundy*	
Charter oak	*Refer from* Colonial period, United States
Chatham, William Pitt, earl of *see* Pitt, William, earl of Chatham, 1708-78	
Chaucer, Geoffrey	
Checkers	*Refer from* Games
Cheerfulness	*Refer from* Character; Ethical stories; Gladness (s)
Cheese	*Refer from* Cows; Dairy (s); Farming; Milk
Chemistry *See also* Gases; Physics; Scientific recreations	*Refer from* Alchemy (s); Gas; Gases; Physics; Science
Chestnut trees	*Refer from* Nuts and nutting
Chestnuts	*Refer from* Cities
Chicago	
Chickadees	
Chickens *See also* Poultry	*Refer from* Hens (s); Poultry
Childe Horn *see* King Horn	

Children
See also Boys; Education; Girls; Occupations for children; *also* names of countries, subhead Manners and customs, e.g. Japan—Manners and customs — *Refer from* Boys; Education; Girls
Children's crusade, 1212
See also Crusades — *Refer from* Crusades
Children's parties *see* Parties
Childs, George William
Chile — *Refer from* South America—Description and travel
Chimneys — *Refer from* Heating
Chimpanzees *see* Apes
China
——Description and travel
See also Korea; Manchuria; Tibet; *also* names of cities, e.g. Peking
——History — *Refer from* Tartars
——Manners and customs — *Refer from* Customs (s)
China, Wall of *see* Wall of China
China painting — *Refer from* Art; Painting; Pottery
Chinaware *see* Pottery
Chinese literature — *Refer from* Literature—Chinese (s)
Chipmunks
Chivalry
See also Arthur, King; Charlemagne romances; Crusades; Feudal system; Heraldry; Heroes and heroism; Knights; Middle ages — *Refer from* Crusades; Feudal system; Heraldry; Knighthood (s); Middle ages
Chocolate — *Refer from* Cocoa (s)
Choice of occupations *see* Occupations, Choice of
Chopin, Frédéric François
Christ *see* Jesus Christ
Christian names *see* Names
Christina, *queen of Sweden*
Christmas (Page 16) — *Refer from* Days (s); Holidays; Jesus Christ
——Customs
——Dialogues
——Gifts
——Plays — *Refer from* Drama; Plays
——Poetry — *Refer from* Poetry—Collections
——Songs — *Refer from* Carols (s); Songs
——Stories
Christopher, St. — *Refer from* St. Christopher (s)
Christ's hospital, London — *Refer from* Schools
Chrysalis *see* Butterflies; Caterpillars; Moths
Churchill, John, duke of Marlborough *see* Marlborough, John Churchill, duke of
Cicadas (commonly called locusts) — *Refer from* Grasshoppers; Locusts
Cicero
(The) Cid (Page 11) — *Refer from* Folklore (s); Legends; Spain—History
Cimon
Cincinnatus
Cinnamon *see* Spices
Circus — *Refer from* Acrobats; Amusements; Animals—Training; Menageries
Cities
See also Hanseatic league; Markets; Street cleaning; Street railroads; *also* names of cities, e.g. Chicago

Citizenship
See also Civic readers; Government; Patriotism; United States—Government
Civic readers

Refer from Government; Law; Patriotism; Voting
Refer from Citizenship; Government; Hygiene, Public; Law; Patriotism; Readers and speakers; United States—Government

Civil engineering *see* Engineering; Surveying
Civil government *see* Government; United States—Government
Civil war, United States
See also United States—History; *also* names of battles, e.g. Gettysburg, Battle of, 1863
——Stories
Civilization
See also History; Inventions; Man; Manners and customs

Refer from Gettysburg, Battle of, 1863; Slavery; United States—History; United States—History—Civil war (s); War
Refer from War—Stories (s)

Refer from Archaeology; Feudal system; History; Man

Claflin, Horace Brigham
Clark, Alvan
Clark, Gen. George Rogers
Classical literature *see* Greek literature—Collections; Latin literature — Collections
Classical mythology *see* Myths—Greek and Roman
Claude Lorrain

Refer from Gelée, Claude (s); Gellée, Claude (s); Lorrain, Claude (s)
Refer from Statesmen

Clay, Henry
Clay modeling

Refer from Art; Handicraft; Modeling (s); Pottery; Sculpture

Cleanliness *see* Baths and bathing; Hygiene
Clemens, Samuel Langhorne *see* Twain, Mark, pseud.
Cleomenes III, *king of Sparta*
Cleopatra, *queen of Egypt*
Cleveland, Grover
Cliff dwellers

Refer from Archaeology; Indians of America; Man—Prehistoric; Pueblo Indians (s)

Clifford, George, earl of Cumberland *see* Cumberland, George Clifford, earl of
Climate
See also Physical geography; Rain; Seasons; Weather

Refer from Physical geography; Temperature (s); Weather

Climbing
Clinton, De Witt
Clive, Robert, *baron*
Clocks and watches

Refer from Manufactures; Watches (s)

Cloth
See also Calico printing; Carpets; Clothing; Cotton; Dyeing; Linen; Rugs; Silk; Spinning; Tapestry; Weaving; Wool

Refer from Clothing; Cotton; Cotton cloth (s); Cotton mills (s); Linen; Manufactures; Spinning; Textile fabrics (s); Weaving; Wool

Clothing
See also Cloth; Costume; Dressmaking; Furs; Gloves; Hats; Lace; Shoes

Refer from Cloth; Costume; Dress (s); Dressmaking; Hygiene; Manufactures

Clotilda, St. *queen of the Franks*

Refer from St. Clotilda (s)

Clouds
See also Sky; Weather

Refer from Physical geography; Sky; Weather

Cloves *see* Spices
Clovis I, *king of the Franks*

Clubs
See also Boy scouts; Girls' clubs
Coaches and coaching *see* Stage-coaches
Coal
See also Geology; Mines and mining — *Refer from* Fuel (s); Geology; Heating; Minerals; Mines and mining
Coal oil *see* Petroleum
Coal-tar colors *see* Dyeing
Coats of arms *see* Heraldry
Cochineal
Cochrane, Thomas, earl of Dundonald *see* Dundonald, Thomas Cochrane, earl of
Cockatoos *see* Parrots
Cockroaches
Cocoa *see* Chocolate
Cocoanuts — *Refer from* Nuts and nutting
Cocoons *see* Butterflies; Caterpillars; Moths; Silkworms
Cody, William Frederick — *Refer from* Buffalo Bill (s)
Coffee
Coins
See also Mints; Money — *Refer from* Art; Collectors and collecting; Gold; Money; Silver
Cole, Thomas
Coleridge, Hartley
Coleridge, Samuel Taylor
Coliseum *see* Colosseum
Collectors and collecting
See also Coins; Stamps — *Refer from* Art
College athletics *see* Athletics; Physical education; Sports
College songs — *Refer from* Music; Songs
College stories *see* School stories
Colleges
See also names of colleges, e. g. Harvard University — *Refer from* Education; Schools
Collingwood, Cuthbert, *lord*
Cologne, Germany
Colombia
Colonial period, United States
See also Bacon's rebellion, 1676; Boston massacre, 1770; Boston tea party, 1773; Charter oak; French and Indian war, 1755-63; King George's war, 1744-48; King William's war, 1689-97; North America—Discovery and settlement; Pilgrim fathers; Queen Anne's war, 1702-13; Stamp act, 1765; Thanksgiving day; *also* names of the American colonies, e. g. Pennsylvania — *Refer from* American colonial history (s); Bacon's rebellion, 1676; French and Indian war, 1755-63; Frontier life; King George's war; 1744-48; King William's war, 1689-97; Pilgrim fathers; Queen Anne's war, 1702-13; Stamp act, 1765; United States, Colonial period (s); United States—History; United States — History — Colonial period (s); United States—Manners and customs
Colonna, Vittoria — *Refer from* Pescara, marchesa di (s)
Color — *Refer from* Dyeing; Painting
Colorado — *Refer from* (The) West
Colorado river — *Refer from* Grand cañon of the Colorado (s); (The) West
Colored people *see* Negroes; Slavery
Colosseum — *Refer from* Coliseum (s); Rome (city)
Colossus of Rhodes
Columba, St. — *Refer from* St. Columba (s)
Columbus, Christopher — *Refer from* Explorers
Comets
See also Astronomy — *Refer from* Astronomy
Commerce
See also Auctions; Banks and banking; Business; Canals; Fairs; Hanseatic — *Refer from* Business; Commercial geography (s); Exports (s); Imports (s); In-

Commerce—Continued
league; Harbors; Manufactures; Markets; Money; Railroads; Smuggling; Success; Transportation
Commercial geography *see* Commerce; Geography; Industries
Commercial travelers — *Refer from* Business; Drummers (s)
Companions *see* Friendship
Compass — *Refer from* Magnetism; Mariner's compass (s)

Composers *see* Musicians
Conceit — *Refer from* Character; Ethical stories
Concrete — *Refer from* Masonry
Condors
Conduct
See also Character; Ethical stories; Manners — *Refer from* Behavior (s); Character; Ethical stories; Ethics (s); Manners; Success

Confectionery *see* Candy
Confucius
Congo river — *Refer from* Africa—Description and travel; Rivers

Congress, United States *see* United States —Government
Conjuring *see* Magic; Tricks and puzzles; Witchcraft
Conservation
See also Forestry — *Refer from* Forestry; Resources (s)
Constantine the Great, *emperor of Rome*
Constantinople
Constitution (ship) — *Refer from* Warships
Constitution of the United States
See also United States—Government — *Refer from* Government; United States—Constitution (s); United States—Government

——Text
Consular service — *Refer from* United States — Consular service (s)

Contentment — *Refer from* Character; Ethical stories; Gladness (s)

Conundrums *see* Riddles
Cook, *Capt.* James
Cook islands — *Refer from* Hervey islands (s)
Cooking
See also Candy; Food; Housekeeping — *Refer from* Bakers and bakeries; Baking (s); Bread; Food; Housekeeping; Meat; Vegetables

Coons *see* Raccoons
Cooper, *Sir* Astley Paston
Cooper, James Fenimore
——Birthday exercises
Cooper, Peter
Copenhagen — *Refer from* Denmark—Description and travel

Copernicus
Copper
See also Brass; Bronze; Metals
Copper work — *Refer from* Handicraft; Metal work
Coral — *Refer from* Ocean life
Corday, Charlotte
Corea *see* Korea
Coriolanus
Cork
Cormorants

Corn
See also Grain — *Refer from* Farming; Grain; Indian corn (s); Maize (s)

Cornaro, Caterina, *queen of Cyprus*
Cornell, Ezra
Coronado, [Francisco Vasquez de] — *Refer from* Vasquez de Coronado, Francisco (s)

Coronations — *Refer from* Festivals (s); Pageants
Corot, Jean Baptiste Camille
Correggio, Antonio Allegri da
Corsica — *Refer from* Italy—Description and travel
Cortes, Hernando
Corunna, Battle of, 1809
Costa Rica — *Refer from* Central America
Coster, Laurens Janszoon — *Refer from* Koster, Laurens Janszoon (s)
Costume
See also Arms and armor; Clothing; Dressmaking; Fans; Gloves; Hats; Jewelry; Plays; Shoes — *Refer from* Art; Clothing; Dress (s); Dressmaking; Fancy dress (s); Fans; Gloves; Manners and customs; Millinery
Cotton
See also Calico printing; Cloth; Dyeing; Weaving — *Refer from* Cloth

Cotton cloth *see* Cloth
Cotton gin
See also Whitney, Eli
Cotton mills *see* Cloth
Cougars *see* Panthers
Country life
See also Camping; Farming; Gardens and gardening; Hunting; Nature; Outdoor life; Sports — *Refer from* Farm life (s); Farming; Outdoor life
Courage
See also Heroes and heroism — *Refer from* Bravery (s); Character; Ethical stories; Heroes and heroism; Valor (s)

Courtesy *see* Manners
Coutts, Angela Georgina Burdett- *see* Burdett-Coutts, Angela Georgina, baroness
Cowboys *see* Ranch life
Cows
See also Butter; Cattle; Cheese; Milk — *Refer from* Cattle; Dairy (s); Farming; Milk

Coyotes
Crabs — *Refer from* Ocean life
Craddock, Charles Egbert, (*pseud.*) [of Mary Noailles Murfree)] — *Refer from* Murfree, Mary Noailles (s)
Cranberries — *Refer from* Berries (s); Fruit
Cranes (birds)
Crassus, [Marcus Licinius]
Crawfish
Crécy, Battle of, 1346
Crests *see* Heraldry
Crete
Crickets
Crimean war
See also Light Brigade, Charge of the — *Refer from* Europe—History; France—History; Russo-Turkish war (s)

——Stories — *Refer from* War—Stories (s)
Crocheting
See also Knitting; Lace — *Refer from* Fancy work (s); Knitting; Lace; Needlework (s); Sewing

Crockett, David
Crocodiles
See also Alligators — *Refer from* Alligators; Ocean life; Reptiles

Crœsus, *king of Lydia*
Cromwell, Oliver
Cromwell, Thomas, earl of Essex *see* Essex, Thomas Cromwell, earl of
Crook, *Gen.* George
Croquet — *Refer from* Games
Crowns
Crows
Crusades
See also Children's crusade, 1212; Chivalry; Middle ages; *also* lives of Peter the Hermit; Richard I, king of England; Louis IX, king of France — *Refer from* Children's crusade, 1212; Chivalry; Europe—History; History; Middle ages
Crustacea
Crystal palace, London — *Refer from* London
Crystals
See also Minerals — *Refer from* Minerals
Cuba
See also Spanish-American war, 1898 — *Refer from* Islands; Spanish-American war, 1898; West Indies
Cuban war *see* Spanish-American war, 1898.
Cuckoos
Cumberland, [George Clifford,] *earl of* — *Refer from* Clifford, George, earl of Cumberland (s)
Currants
Curtis, George William
Custer, *Gen.* George Armstrong
Customs *see* Manners and customs; *also* names of countries, subhead Manners and customs, e. g. China—Manners and customs
Cuthbert, St. — *Refer from* St. Cuthbert (s)
Cutlery
See also Hardware; Knives; Swords — *Refer from* Hardware; Knives; Manufactures; Steel
Cuttlefish — *Refer from* Devilfish (s); Ocean life; Octopus (s); Squids (s)
Cuvier, [Georges Léopold Chrétien Frédéric Dagobert,] *baron*
Cycling *see* Bicycles and bicycling
Cyclones *see* Storms
Cyclopedias *see* Encyclopedias
Cyprus
Cyrus the Great, *king of Persia*
Dairy *see* Butter; Cattle; Cheese; Cows; Milk
Daisies
Dale, Richard
D'Alembert, Jean le Rond *see* Alembert, Jean le Rond d'
Damien [de Veuster], *Father* [Joseph] — *Refer from* Father Damien (s); Molokai island
Dampier, William
Dams
See also Water supply — *Refer from* Dikes; Engineering; Masonry; Rivers; Water supply
Dances — *Refer from* Amusements; Folk dances (s); Games; Parties
Dandelions
Dante [Alighieri] — *Refer from* Alighieri, Dante (s)
D'Arblay, Mme Frances (Burney) *see* Burney, Fanny
D'Arc, Jeanne *see* Joan of Arc
Dark ages *see* Middle ages

Darling, Grace [Horsley]
Darwin, Charles
David — *Refer from* Bible stories
Davy, *Sir* Humphry
Days *see* April fools' day; Arbor day; Bird day; Christmas; Easter; Flag day; Hallowe'en; Holidays; Independence day; Lincoln's birthday; May day; Memorial day; New Year's day; St. Patrick's day; Thanksgiving day; Twelfth night; Valentine's day; Washington's birthday; *also* names of people, subhead Birthday exercises, e. g. Longfellow, Henry Wadsworth
Dead sea — *Refer from* Palestine
Death valley
Debating
See also Orations — *Refer from* Elocution (s); Orations; Readers and speakers
Decatur, Stephen — *Refer from* Philadelphia(ship)
Decius Mus, Publius
Declamations *see* Orations; Readers and speakers
Declaration of independence
See also American revolution; Independence day — *Refer from* American revolution; Independence day; United States—History
——Text
Decoration day *see* Memorial day
Deer
See also Reindeer — *Refer from* Elk (s)
Defoe, Daniel
Delacroix, Eugène
Delaroche, Paul
DeLong, George Washington
Demetrius I, *king of Macedonia*
Demosthenes
Denmark — *Refer from* Scandinavia (s)
——**Description and travel**
See also names of cities, e. g. Copenhagen
Dentistry — *Refer from* Medicine
Depew, Chauncey [Mitchell]
Description and travel *see* Explorers; Travel; Voyages; *also* names of countries, subhead Description and travel, e. g. United States—Description and travel
Deserts
See also Mirage; Sahara desert — *Refer from* Physical geography
Design
See also Art; Drawing; Lettering — *Refer from* Art; Drawing; Painting
De Soto, Hernando *see* Soto, Hernando de
Determination
Devereux, Robert *see* Essex, Robert Devereux, earl of
Devilfish *see* Cuttlefish
Dew — *Refer from* Water
Dewey, *Admiral* George
Dialogues
See also Plays; Readers and speakers — *Refer from* Drama; Dramatic readers; Plays; Readers and speakers
Diamonds
See also Jewelry; Precious stones — *Refer from* Gems (s); Jewelry; Precious stones
Diaz, Porfirio
Dickens, Charles — *Refer from* Authors; English literature

Dictionaries — *Refer from* Encyclopedias
Dido, *queen of Carthage*
Dikes — *Refer from* Dykes (s); Engineering
See also Dams
Diogenes
Dion
Dirigible balloons *see* Airships
Disaster *see* Earthquakes; Fires; Shipwrecks
Discoveries (in geography) *see* Antarctic regions; Arctic regions; Explorers; Voyages; *also* name of countries, subhead Exploration, e. g. Africa—Exploration
Discoveries (in science)
See also Inventions; Science; *also* names of various inventions, e. g. Telegraph; Telephone
Discovery of America *see* North America —Discovery and settlement
Dishonesty *see* Honesty
Dismal swamp, Great
Disobedience *see* Obedience
Disraeli, Benjamin, earl of Beaconsfield *see* Beaconsfield, Benjamin Disraeli, earl of
Diving — *Refer from* Baths and bathing; Sports; Swimming
Dix, Dorothea Lynde
Doctors — *Refer from* Biography; Medicine; Physicians (s); Scientists; Surgeons (s)
Dogs — *Refer from* Pets; Zoology
——Stories — *Refer from* Animals—Stories
Dolls — *Refer from* Amusements; Toys
Domestic animals *see* Animals; Kindness to animals
Dominoes — *Refer from* Games
Donatello, [Donato di Betto Bardi, *called*]
Donkeys — *Refer from* Burros (s)
Douglas, *Sir* James — *Refer from* Black Douglas (s)
Douglas, Margaret, *countess of Lennox*
Douglass, Frederick
Doves *see* Pigeons
Dragon flies
Drake, *Sir* Francis
Drake, Joseph Rodman
Drama (Page 18) — *Refer from* Actors and acting; American literature; English literature; Literature; Plays; Theater (s)
See also Actors and acting; Charades; Christmas—Plays; Dialogues; Dramatic readers; Miracle plays; Moving pictures; Pageants; Pantomime; Plays; Puppet shows; Tableaux
Dramatic readers (Page 18) — *Refer from* Drama; Literature; Plays; Readers and speakers
See also Dialogues; Plays
Drawing — *Refer from* Art; Design; Manual training; Painting; Pictures
See also Blackboard drawing; Design; Mechanical drawing
Drawn work — *Refer from* Fancy work (s); Needlework (s); Sewing
Dresden
Dress *see* Clothing; Costume; Dressmaking
Dressmaking — *Refer from* Clothing; Costume; Dress (s); Industries; Needlework (s); Sewing
See also Clothing; Costume; Sewing
Druids — *Refer from* Religion

Drummers *see* Commercial travelers
Dryden, John
Dublin

Refer from Ireland — Description and travel

Duckbills
Ducks
See also Poultry

Refer from Poultry

Duels and dueling
See also Fencing

Refer from Fencing; Manners and customs

Duerer, Albrecht *see* Dürer, Albrecht
Duncan, Admiral [Adam Duncan, *viscount*]

Refer from Camperdown, Adam Duncan, viscount Duncan of (s)

Dundonald, [Thomas Cochrane,] *earl of*

Refer from Cochrane, Thomas, earl of Dundonald (s)

Du Plessis, Armand Jean, cardinal de Richelieu *see* Richelieu, Armand Jean du Plessis, cardinal de
Dürer, Albrecht

Refer from Duerer, Albrecht (s)

Dutch Guiana *see* Guiana
Dwarfs

Refer from Man; Pigmies (s); Pygmies (s)

Dyaks
See also Borneo
Dyeing
See also Calico printing; Color; Indigo

Refer from Cloth; Coal-tar colors (s); Cotton; Industries; Wool

Dykes *see* Dikes
Dynamite
See also Explosives

Refer from Explosives

Dynamos
See also Electric motors

Refer from Electric engineering; Electric motors; Electricity

Eads, James Buchanan
Eagles
Earth
See also Earthquakes; Geography; Geology; Ocean; Physical geography; Volcanoes

Refer from Astronomy; Geography; Geology; Nature; Physical geography; Planets; World (s)

Earthquakes
See also Geology; Physical geography

Refer from Disasters (s); Earth; Geology; Physical geography; Volcanoes

East Indies
See also Borneo; Java; Malay peninsula; Sumatra
Easter

Refer from Days (s); Holidays; Jesus Christ

Easter island
Eclipses
See also Astronomy; Moon; Sun

Refer from Astronomy; Moon; Sun

Ecuador
Edgeworth, Richard Lovell
Edinburgh

Refer from Scotland — Description and travel

Edison, Thomas A[lva]

Refer from Electricity; Inventors

Education
See also Books and reading; Children; Colleges; Manual training; Physical education; Schools; Teachers; Teaching

Refer from Boys; Children; Girls; Schools; Teachers; Teaching

Edward, *the Confessor, Saxon king of England*
Edward I, *king of England*
Edward III, *king of England*
Edward IV, *king of England*
Edward VI, *king of England*

Edward, *the Black Prince*	*Refer from* (The) Black Prince (s)
Edwards, Amelia Blandford	
Eels	*Refer from* Fish
Eggleston, Edward	
Eggs	*Refer from* Birds; Birds' eggs (s); Food; Poultry
Egypt	*Refer from* Africa — Description and travel
——Description and travel *See also* Nile river; Obelisks; Pyramids; Sphinx; *also* names of cities, e. g. Cairo	
Eiffel tower	
Eldon, [John Scott,] *earl of*	*Refer from* Scott, John, earl of Eldon (s)
Electric batteries *see* Electricity	
Electric bells	
Electric engineering *See also* Dynamos; Electric lighting; Electric motors; Electric power transmission; Electric railroads; Electricity; Telautograph; Telegraph; Telephone; Wireless telegraphy	*Refer from* Engineering; Industries
Electric furnaces	*Refer from* Heat; Heating
Electric launches *see* Motor boats	
Electric lighting	*Refer from* Electric engineering; Lighting
Electric motors *See also* Dynamos; Electric power transmission	*Refer from* Dynamos; Electric engineering; Engines; Machinery; Mechanics; Motors (s)
Electric power transmission	*Refer from* Electric engineering; Electric motors
Electric railroads *See also* Street railroads	*Refer from* Electric engineering; Railroads; Street railroads; Transportation
Electric toys	*Refer from* Amusements; Mechanical toys (s); Mechanics; Toys
Electricity *See also* Dynamos; Edison, Thomas Alva; Induction coils; Magnetism; Physics; Telegraph; Telephone; Wireless telegraphy; X rays; *also* headings beginning with Electric	*Refer from* Batteries (s); Electric batteries (s); Electric engineering; Galvanism (s); Magnetism; Physics; Science; X rays
Elephants *See also* Mammoths	*Refer from* Mammoths
Eliot, George, *pseud.*	
Eliot, John, *apostle of the Indians*	
Eliot, *Sir* John	
Elizabeth of Hungary, St.	*Refer from* St. Elizabeth of Hungary (s)
Elizabeth, *queen of England*	
Elk *see* Deer	
Elm trees	
Elocution *see* Debating; Orations; Readers and speakers	
Embroidery *See also* Sewing	*Refer from* Art; Fancy work (s); Handicraft; Needlework (s); Sewing
Emergencies *see* Accidents; First aid in illness and injury	
Emerson, Ralph Waldo	
——Birthday exercises	
Emmet, Robert	
Encyclopedias *See also* Dictionaries	*Refer from* Cyclopedias (s)

Engineering
See also Aqueducts; Architecture; Bridges; Canals; Dams; Dikes; Electric engineering; Engines; Harbors; Machinery; Masonry; Mechanical drawing; Mechanics; Mines and mining; Railroads; Rivers; Roads; Steam engines; Surveying; Tunnels; Water supply

Refer from Building (s); Civil engineering (s); Industries; Mechanics; Railroads; Roads; Surveying; Tunnels

Engines
See also Electric Motors; Fire engines; Gas engines; Locomotives; Pumps; Solar engines; Steam engines; Turbines

Refer from Engineering; Machinery

England

Refer from Great Britain (s)

——Colonies
See also Africa, South; Australia; Canada; India

——Description and travel
See also Hampton court; *also* names of cities, e. g. London, Stratford-on-Avon

——History
See also Anglo-Saxons; Magna charta; Gunpowder plot; Spanish armada, 1588; *also* names of rulers, e. g. Alfred the Great, king of England, and names of wars and battles, e. g. Agincourt, Battle of, 1415

Refer from Anglo-Saxons; History; Norman conquest (s); Spanish armada, 1588

——Navy

——Parliament

Refer from Parliament—England (s)

English literature
See also American literature; Authors; Ballads; Books and reading: Drama; Fairy tales; Humor; Letters — Collections; Orations; Poetry; Poets; Readers and speakers; *also* names of authors, e. g. Dickens, Charles

Refer from American literature; Authors; Literature; Literature—English (s)

Entertainments *see* Amusements

Enthusiasm

Epaminondas

Ericsson, John

Erie canal

Refer from Canals

Erie, Lake, Battle of, 1813

Refer from Lake Erie, Battle of (s); Naval battles; War of 1812

Erskine, Thomas, *lord*

Escapes *see* Adventure

Escorial

Refer from Spain—Description and travel

Eskimos
See also Alaska; Arctic regions; Greenland; Labrador

Refer from Alaska; Arctic regions; Indians of America

Esop *see* Æsop

Essex, [Robert Devereux,] *earl of*

Refer from Devereux, Robert (s)

Essex, [Thomas Cromwell,] *earl of*

Refer from Cromwell, Thomas, earl of Essex (s)

Etching

Refer from Art; Pictures.

Etheredge, Anna

Ethical stories (Page 15)
See also Ambition; Boasting; Character; Cheerfulness; Conceit; Conduct; Contentment; Courage; Faith; Gratitude; Greediness; Helpfulness; Heroes and heroism; Honesty; Hope; Ideals; Idleness; Industry; Justice; Kindness;

Refer from Character; Conduct; Moral stories (s); Stories (s)

Ethical stories—Continued
Obedience; Orderliness; Patience; Perseverance; Pride; Promptness; Self-control; Selfishness; Service; Temperance; Thoroughness; Thoughtfulness; Truthfulness; Unselfishness; Usefulness
Ethics *see* Character; Conduct
Etiquette *see* Manners
Etna, Mount — *Refer from* Ætna, Mount (s); Mountains; Volcanoes

Eugénie, *empress of the French*
Eumenes
Europe — *Refer from* Feudal system
——**Biography** — *Refer from* Biography
——**Description and travel**
See also names of European countries, subhead Description and travel, e. g. France—Description and travel
——**History**
See also Middle ages; Thirty years' war, 1618-48; Crimean war; Crusades; Reformation — *Refer from* Thirty years' war, 1618-48
——**Manners and customs**
See also names of European countries, subhead Manners and customs, e. g. France—Manners and customs
Evans, Robley Dunglison
Evaporation — *Refer from* Physics; Vapor (s)
Everglades
Evergreens *see* Fir trees; Pine trees; Trees
Evolution
See also Man—Prehistoric — *Refer from* Geology; Man; Man—Prehistoric; Science; Zoology

Ewing, *Mrs* Juliana Horatia (Gatty)
Exercise *see* Athletics; Physical education; Running; Walking
Exhibitions *see* Fairs; Museums
Experiments *see* Scientific recreations; Magic
Exploration *see* Africa—Exploration; Australia — Exploration; Explorers; North America—Discovery and settlement
Explorers (Page 22)
See also Africa—Exploration; Australia—Exploration; Geography; Lewis and Clark expedition; Travel; United States —Exploration; Voyages; *also* names of explorers, e. g. Columbus, Christopher — *Refer from* Adventure; Antarctic regions; Arctic regions; Biography; Description and travel (s); Discoveries (in geography) (s); Exploration (s); Geography; Heroes and heroism; Scientists; Travel; Voyages

Explosives
See also Dynamite; Torpedoes — *Refer from* Dynamite; Manufactures; Mines and mining

Exports *see* Commerce
Extinct animals *see* Animals—Extinct
Eyck, Hubert *van* — *Refer from* Van Eyck, Hubert (s)
Eye
Fabius Maximus Verrucosus, [Quintus]
Fables (Page 13)
See also Fairy tales — *Refer from* Animal lore (s); Animals—Stories; Fairy tales; Legends; Literature; Stories (s)

Fabricius Luscinus, [Caius]
Fairies *see* Fairy tales
Fairs
See also Bazaars; Nijni Novgorod — *Refer from* Amusements; Bazaars; Commerce; Exhibitions (s); Festivals (s); Markets; Pageants

Fairy tales (Page 11)
See also Fables; Legends; Myths

Refer from English literature; **Fables;** Fairies (s); Legends; Literature; Myths; Stories (s)

Faith
Refer from Character; Ethical stories

Falconry
Refer from Birds; Hawking (s); Hunting; Sports

Fall *see* Autumn
Fancy dress *see* Costume
Fancy work *see* Beadwork; Crocheting; Drawn work; Embroidery; Knitting; Lace; Sewing
Faneuil, Peter
Fans
See also Costume
Refer from Costume

Faraday, Michael
Farm animals *see* Animals
Farm life *see* Country life

Farming
See also Bees; Butter; Cattle; Cheese; Corn; Country life; Cows; Flax; Fruit; Gardens and gardening; Grain; Horses; Milk; Pigs; Plants; Poultry; Ranch life; Rice; Seeds; Sheep; Soils; Sugar; Tobacco; Vegetables; Wheat
Refer from Agriculture (s); Country life; Gardens and gardening; Industries; Soils

Faroe islands
Farragut, *Admiral* [David Glasgow]
Father Damien *see* Damien de Veuster, Father Joseph
Feejee islands *see* Fiji islands
Fencing
See also Duels and dueling
Refer from Amusements; Athletics; **Duels** and dueling; Sports; Swords

Ferdinand V, *king of Castile and Aragon*
Ferdinand of Portugal
Ferguson, James
Ferns
Refer from Plants

Festivals *see* Coronations; Fairs; Holidays; Mardi Gras; Pageants; *also* the names of special days, e. g. Thanksgiving day
Feudal system
See also Chivalry; Civilization; Europe; History; Middle ages
Refer from Chivalry; Government; Knighthood (s); Middle ages; Vassals (s)

Field, Cyrus West
Field, Eugene
Field, Marshall
Field of the Cloth of Gold
Fighting *see* Battles; Bullfights; Naval battles; War
Fiji islands
Refer from Feejee islands (s)

Fillmore, Millard
Finance *see* Banks and banking; Money
Find *see* Finn
Fine arts *see* Art
Finland
Finn
Refer from Find (s); Fionn Maccumhail (s)

Fionn Maccumhail *see* Finn
Fir trees
Refer from Evergreens (s)

Fire
See also Fire service; Fires; Heat; Heating
Refer from Heat

Fire engines
Refer from Engines; Fires

Fire service
See also Fires

Refer from Fire; Fires; Heroes and heroism; Life-saving

Firearms *see* Guns
Fireflies
Fires
See also **Fire engines**; Fire service

Refer from Disasters (s); Fire; Fire service

Fireworks
Refer from Amusements

First aid in illness and injury
See also Accidents

Refer from Emergencies (s); Injuries (s)

Fish
See also Aquariums; Fishing; Ocean life; *also* names of fishes, e. g. Eels

Refer from Animals; Ocean life; United States—Fisheries bureau (s); Zoology

Fishing
See also Whales and whaling

Refer from Amusements; Fish; Hunting; Industries; Outdoor life; Sports; United States—Fisheries bureau (s)

Fiske, John
Flag day

Refer from Days (s); Holidays

Flags

Refer from American flag (s); Armies (s); Banners (s); Heraldry; Patriotism; Signals

Flamingoes
Flamininus, [Titus Quintus]
Flax
See also Linen

Refer from Farming; Linen

Flaxman, John
Fleets *see* Ships; Warships
Flies

Refer from Fly (s); Insects

Flodden, Battle of, 1513
Florence
Florida

Refer from (The) South

Flour
See also Bread; Grain; **Wheat**

Refer from Bread; Manufactures; Wheat

Flowers (Page 18)
See also Botany; Buds; Gardens and gardening; Leaves; Plants; Roots; Wax flowers; *also* names of flowers, e. g. Asters, Gentians

Refer from Botany; Buds; Bulbs; Gardens and gardening; Leaves; Nature; Plants; Wild flowers (s)

——Arrangement

Refer from House decoration

——Language of
——Poetry
——Stories

Refer from Stories (s)

Flowers (artificial) *see* Paper work; Wax flowers
Fluids *see* Liquids
Fly *see* Flies
Flying
See also Airships; Aeroplanes; Balloons; Birds; Kites

Refer from Birds

Flying Dutchman
Flying machines *see* Airships; Aeroplanes
Folk dances *see* Dances
Folk songs (Page 16)
See also Ballads; Songs

Refer from Ballads; Legends; National songs (s); Songs

Folklore *see* Ballads; Beowulf; (The) Cid; Gawain, Sir; Guy of Warwick; Havelok the Dane; Holy grail; Kalevala; King Horn; Lancelot of the lake; Legends; **Manners and customs; Merlin; Negroes** —Stories; Nursery rhymes; Proverbs; (Page 12)

Folklore—Continued
Robin Hood; Roland; Tell, William; Wandering Jew; Wayland the Smith
For folklore of special country *see* name of country, subhead Folklore, e. g. Japan—Folklore

Food
See also Bakers and bakeries; Cooking; Markets; Vegetables; *also* names of foods, e. g. Bread, Eggs, Oysters

Refer from Cooking; Housekeeping; Hygiene

Football

Refer from Athletics; Ball (s); Games; Sports

Forestry
See also Arbor day; Conservation; Lumbering; Trees; Wood

Refer from Arbor day; Conservation; Lumbering; Timber (s); Trees; United States—Forest service (s)

Forging *see* Blacksmithing

Formosa island

Forrest, *Gen.* Nathan Bedford

Fossils
See also Animals—Extinct; Geology; Mammoths

Refer from Animals—Extinct; Botany; Geology; Mammoths; Natural history; Zoology

Fouqué, baron de la Motte- *see* La Motte-Fouqué, Friedrich Heinrich Karl, baron de

Fourth of July *see* Independence day

Foxes

Refer from Furs

Foxfire

Refer from Phosphorescence

Fra Angelico *see* Angelico, Fra Giovanni

France—Army

Refer from Armies (s)

——Description and travel
See also Brittany; Paris

——History
See also Agincourt, Battle of, 1415; Basques; Crimean war; Franco-German war, 1870-71; French and Indian war, 1755-63; French revolution; Gauls; Huguenots; Joan of Arc; Peninsular war, 1807-14; St. Bartholomew's day, Massacre of; Seven years' war, 1756-63; Spanish succession, War of, 1701-14; Waterloo, Battle of, 1815

Refer from Franco-German war, 1870-71; French revolution; Gauls

——Manners and customs

Refer from Europe—Manners and customs

——Navy

Refer from Navies (s)

Francis of Assisi, St.

Refer from Assisi, Francis of, St. (s); St. Francis of Assisi (s)

Francisco Xavier, St.

Refer from St. Xavier (s); Xavier, St. Francis (s)

Franco-German war, 1870-71
See also France—History

Refer from France—History; Germany—History; War

Frankfort

Franklin, Benjamin

Franklin, *Sir* John

Frederick the Great, *king of Prussia*

Refer from Frederick II, king of Prussia (s)

Frederick I (Barbarossa), *emperor of the Holy Roman Empire*

Refer from Barbarossa, Frederick (s)

Frederick II, *emperor of the Holy Roman Empire*

Frederick II, king of Prussia *see* Frederick the Great, king of Prussia

Freeman, Mrs. Mary Eleanor (Wilkins) *see* Wilkins, Mary Eleanor

Frémont, *Gen.* John Charles
French Academy
French and Indian war, 1755-63
See also Colonial period, United States; Louisburgh; Pontiac, chief of the Ottawas; Seven years' war, 1756-63

Refer from Colonial period, United States; France—History; Indians of America; Pennsylvania; United States—History—French and Indian war (s)

French books
Note: Used for books in the French language.
French Guiana *see* Guiana
French revolution
See also France—History; Napoleon I, emperor of the French

Refer from France—History; Napoleon I, emperor of the French

Fretwork
See also Wood carving; Ironwork

Refer from House decoration; Ironwork; Wood carving

Fridthjof *see* Frithjof
Friendly islands
Friends, Society of *see* Quakers
Friendship

Refer from Companions (s)

Frithjof (Page 11)

Refer from Fridthjof (s); Sagas

Fröbel, Friedrich *see* Froebel, Friedrich
Frobisher, *Sir* Martin
Froebel, Friedrich

Refer from Fröbel, Friedrich (s)

Frogs
Froissart, Jean
Frontier life (Page 22)
See also Colonial period, United States; Ranch life; (The) West

Refer from Adventure; Border life (s); Indians of America; Pioneer life (s); Pioneers (s); Ranch life; (The) West

Frost
See also Ice; Snow; Winter

Refer from Geology; Water

Fruit
See also names of fruits, e. g. Apples, Cranberries

Refer from Berries (s); Botany; Farming; Gardens and gardening; Plants; Trees

Fry, *Mrs.* Elizabeth (Gurney)
Fuel *see* Coal; Gas; Peat; Petroleum; Wood
Fuller, Margaret, [*afterward marchesa d'Ossoli*]
Fulton, Robert

Refer from Steamboats

Fungi
See also Galls (Botany); Mushrooms

Refer from Mold (s); Mould (s); Mushrooms; Plants

Furniture
See also Bamboo; Chairs

Refer from Art; Cabinet work (s); Chairs; House decoration; Housekeeping; Manufactures; Wood carving

Furs
See also Hudson Bay company; Trapping; *also* names of fur-bearing animals, e. g. Seals (animals), Foxes

Refer from Clothing; Trapping

Gainsborough, Thomas
Galba, *emperor of Rome*
Galileo
Gallatin, Albert
Galls (botany)

Refer from Fungi; Plants

Galvanism *see* Electricity
Gama, Vasco da

Refer from Vasco da Gama (s)

Gambetta, [Léon Michel]
Games (Page 17)
See also Amusements; Archery; Athletics; Baseball; Basket-ball; Checkers;

Refer from Amusements; Occupations for children; Olympic games; Physical educa-

Games—Continued
Croquet; Dances; Dominoes; Football; Golf; Hockey; Kindergarten—Games and songs; Marbles (game); Occupations for children; Olympic games; Physical education; Sports; Tennis; Toys; War games

tion; Play (s); Plays; Recreations (s); Sports; Toys

Gardens and gardening
See also Farming; Flowers; Fruit; Plants; School gardens; Seeds; Vegetables; Weeds

Refer from Botany; Country life; Farming; Flowers; Plants; School gardens; Soils; Vegetables

Garfield, James A[bram]
Garibaldi, [*Gen.* Giuseppe]
Garrison, William Lloyd
Gas
See also Chemistry; Gas engines; Gases; Natural gas; petroleum

Refer from Fuel (s); Gases; Heating; Lighting; Natural gas; Petroleum

Gas engines

Refer from Engines; Gas

Gases
See also Air; Airships; Balloons; Chemistry; Gas; Liquid air; Natural gas; Nitrogen

Refer from Chemistry; Gas; Physics

Gassendi, Pierre
Gauls
See also France—History; Rome, Ancient

Refer from France—History; Rome, Ancient

Gawain, *Sir*

Refer from Folklore (s); Legends

Geese
See also Poultry

Refer from Goose (s); Poultry

Gelée, Claude *see* Claude Lorrain
Gellée, Claude *see* Claude Lorrain
Gems *see* Diamonds; Jewelry; Pearls; Precious stones
Geneva, Switzerland

Refer from Switzerland—Description and travel

Genghis Khan *see* Jenghis Khan
Genoa
Gentians

Refer from Flowers; Plants

Geography (Page 23)
See also Antarctic regions; Arctic regions; Earth; Explorers; Industries; Islands; Physical geography; Travel; Tropics; Voyages; *also* names of places, subhead Geography, e. g. Pennsylvania—Geography

Refer from Earth; Explorers; Commercial geography (s); Physical geography; Science; Voyages

——Physical *see* Physical geography
——**Readers** (Page 23)

Refer from Readers and speakers

Geology
See also Chalk; Coal; Earth; Earthquakes; Evolution; Fossils; Frost; Geysers; Glaciers; Granite; Graphite; Man—Prehistoric; Marble; Metals; Minerals; Mines and mining; Mountains; Natural gas; Peat; Petroleum; Physical geography; Rocks; Salt; Soils; Springs; Stone; Volcanoes

Refer from Coal; Earth; Earthquakes; Fossils; Man—Prehistoric; Minerals; Mines and mining; Mountains; Natural history; Physical geography; Rocks; Science; Stone; Volcanoes

George, St.

Refer from St. George (s)

George III, *king of England*

Georgia — *Refer from* (The) South
Geraniums
German books
Note: Used for books in the German language.
Germany
——**Description and travel**
See also Black Forest; Harz mountains; *also* names of cities, e. g. Berlin
——**Folklore**
See also Siegfried
——**History**
See also Franco-German war, 1870-71; Goths; Hanseatic league; Reformation; Spanish succession, War of, 1701-14; Thirty years' war, 1618-48 — *Refer from* Goths; Thirty years' war, 1618-48
Germs — *Refer from* Bacteria (s); Hygiene; Microbes (s)

Gettysburg, Battle of, 1863
See also Civil war, United States — *Refer from* Civil war, United States
Gettysburg address — *Refer from* Lincoln, Abraham
Geysers
See also Springs — *Refer from* Geology; Physical geography; Springs; Water

Ghost stories — *Refer from* Stories (s)
Giant's causeway — *Refer from* Ireland — Description and travel

Gibbon, Edward
Gibraltar — *Refer from* Spain—Description and travel
Gibson, William Hamilton
Gilbert, *Sir* Humphrey
Ginger *see* Spices
Giotto, [Angiolotto Bondone] — *Refer from* Bondone, Giotto Angiolotto (s)

Giotto's campanile *see* Campanile of Giotto
Giraffes
Girard, Stephen
Girls
See also Children; Education; Girls' clubs; Queens; Women—Biography — *Refer from* Biography; Children; Women—Biography
Girls' clubs — *Refer from* Clubs; Girls
Glaciers
See also Ice; Icebergs; Physical geography — *Refer from* Geology; Ice; Icebergs; Physical geography
Gladness *see* Cheerfulness; Contentment
Glasgow
Glass — *Refer from* Manufactures
Gloves
See also Costume — *Refer from* Clothing; Costume
Gluck, Christoph Willibald *von*
Goats
Godfrey de Bouillon — *Refer from* Bouillon, Godfrey de (s)
Goethe, Johann Wolfgang *von* — *Refer from* Göthe, Johann Wolfgang von (s)

Gold
See also Coins; Jewelry; Mines and mining; Money — *Refer from* Metals; Mines and mining
Golden fleece *see* Argonauts
Goldenrod
Goldfinches
Goldsmith, Oliver
Golf — *Refer from* Games; Sports
Goodyear, Charles
Goose *see* Geese
Gordon, *Gen.* Charles George

Gorillas *see* Apes
Göthe, Johann Wolfgang von *see* Goethe, Johann Wolfgang von
Goths
See also Alaric, king of the Visigoths; Germany—History; Theodoric the Great, king of the Ostrogoths — *Refer from* Germany—History
Gould, Jay
Government
See also Citizenship; Civic readers; Constitution of the United States; Feudal system; Law; Money; Patriotism; Slavery; Statesmen; Taxation; Voting; *also* names of countries, subhead Government, e.g. United States—Government — *Refer from* Citizenship; Civil government (s); History; Law; Politics (s)
Government service
See also United States—Government
(The) Gracchi
Graham, James, marquis of Montrose *see* Montrose, James Graham, marquis of
Grail *see* Holy grail
Grain
See also Corn; Rice; Wheat — *Refer from* Cereals (s); Corn; Farming; Flour; Wheat
Grand cañon of the Colorado *see* Colorado river
Granite
See also Rocks; Stone — *Refer from* Geology; Minerals; Quarries (s); Rocks; Stone
Grant, *Gen.* Ulysses S[impson]
Graphophone *see* Phonograph
Graphite — *Refer from* Geology
Grasses
Grasshoppers
See also Cicadas (commonly called locusts); Locusts — *Refer from* Locusts
Gratitude — *Refer from* Character; Ethical stories
Gravitation
See also Astronomy; Physics — *Refer from* Astronomy; Physics
Great Britain *see* England
Great charter *see* Magna charta
Great Lakes — *Refer from* Lakes
Great wall of China *see* Wall of China
Greece, Ancient
See also Athens; Macedonia; Olympic games; Retreat of the ten thousand; *also* names of battles and persons, e. g. Marathon, Battle of 490 B. C. and Pericles, Lysander, Agamemnon — *Refer from* Athens; Marathon, Battle of, 490 B. C.; Trojan war
Greece, Modern
Greediness — *Refer from* Character; Ethical stories
Greek literature—Collections — *Refer from* Classical literature (s); Literature—Greek (s)
Greek mythology *see* Myths—Greek and Roman
Greeley, Horace
Greely, Adolphus Washington
Greene, *Gen.* Nathaniel
Greenland — *Refer from* Arctic regions; Eskimos
Grenville, *Sir* Richard
Grettir the Strong (Page 11) — *Refer from* Sagas
Grey, *Lady* Jane
Grey, *Lady* Katharine
Grimm, Jakob Ludwig
Grimm, Wilhelm Karl

Grotius, Hugo
Ground hogs *see* Woodchucks
Guatemala — *Refer from* Central America
Gudrun — *Refer from* Legends
Guess, George, *Indian name Sequoyah* — *Refer from* Sequoyah (s)
Guiana — *Refer from* British Guiana (s); Dutch Guiana (s); French Guiana (s)
Guido Reni — *Refer from* Reni, Guido (s)
Guise, [Henry I, de Lorraine,] *duke* of — *Refer from* Lorraine, Henry I de, duke of Guise (s)

Gulf of Mexico — *Refer from* Ocean
Gulf stream
Gulls
Gunpowder plot — *Refer from* England—History
Guns
See also Arms and armor; Weapons — *Refer from* Arms and armor; Artillery (s); Cannon (s); Firearms (s); Hunting; Ordnance (s); Shooting (s); Shotguns (s); Weapons

Gustavus I, [or Gustavus Vasa,] *king of Sweden*
Gustavus II, [Adolphus,] *king of Sweden*
Gutenberg, Johannes
Gutta-percha *see* Rubber
Guy of Lusignan, *king of Jerusalem* — *Refer from* Lusignan, Guy of (s)
Guy of Warwick — *Refer from* Folklore (s); Legends
Gymnasiums
See also Athletics; Physical education
Gymnastics *see* Physical education
Gyroscope — *Refer from* Physics
Haendel, Georg Friedrich *see* Händel, Georg Friedrich
(The) Hague — *Refer from* Netherlands—Description and travel

Haiti *see* Hayti
Hale, Edward Everett
Hale, Nathan — *Refer from* Patriotism
Hall of fame, New York
Halleck, Fritz-Greene
Hallowe'en — *Refer from* Days (s); Holidays
Hamilton, Alexander
Hammocks
Hampden, John
Hampton court — *Refer from* England — Description and travel

Hancock, *Mrs* Dorothy (Quincy)
Hancock, *Gen.* Winfield Scott
Händel, Georg Friedrich — *Refer from* Haendel, Georg Friedrich (s)
Handicraft (Page 19)
See also Baskets; Beadwork; Bookbinding; Clay modeling; Copper work; Embroidery; Ironwork; Jewelry; Lace; Leather work; Manual training; Metal work; Occupations for children; Paper work; Pyrography; Raffia work; Rugs; Sewing; Stencil work; Tools; Toys; Weaving; Wood carving — *Refer from* Amusements; Art; Arts, Useful (s); Arts and crafts (s); Industries; Mechanics; Metal work; Occupations for children; Pyrography; Useful arts (s); Wood carving
Handwriting *see* Writing
Hannibal
Hanseatic league — *Refer from* Cities; Commerce; Germany—History; Middle ages

Harbors
See also Buoys; Pilots and piloting — *Refer from* Commerce; Engineering; Ports (s); Transportation

Hardware	
See also Cutlery; Knives; Locks; Metal work	*Refer from* Cutlery
Hares *see* Rabbits	
Harold II, *king of England*	
Harold III, *surnamed Hardrada, king of Norway*	*Refer from* Harold Hardrada (s)
Harold Hardrada *see* Harold III, surnamed Hardrada, king of Norway	
Haroun-al-Raschid, *caliph of Bagdad*	
Harris, Joel Chandler	*Refer from* Remus, Uncle, pseud. (s); Uncle Remus, pseud. (s)
Harrison, Benjamin	
Harrison, *Gen.* William Henry	
Harte, Bret	
Harvard University	*Refer from* Colleges
Harz mountains	*Refer from* Germany—Description and travel
Hasting, *Scandinavian viking*	
Hastings, John, earl of Pembroke *see* Pembroke, John Hastings, earl of	
Hastings, Battle of, 1066	*Refer from* Norman conquest (s)
Hats	
See also Millinery	*Refer from* Clothing; Costume; Manufactures; Millinery
Hatto II	
Havana	
Havelock, *Sir* Henry	
Havelok the Dane	*Refer from* Folklore (s); Legends
Hawaiian islands	*Refer from* Sandwich islands (s)
Hawking *see* Falconry	
Hawks	
Hawthorne, Nathaniel	
——Birthday exercises	
Haydn, Franz Joseph	
Hayes, Rutherford B[irchard]	
Hayti	*Refer from* Haiti (s); West Indies
Health *see* Hygiene	
Heat	
See also Electric furnaces; Fire; Heating; Physics; Solar engines; Sun; Thermometer	*Refer from* Fire; Heating; Physics
Heating	
See also Chimneys; Coal; Electric furnaces; Gas; Heat; Peat; Petroleum; Steam; Stoves; Wood	*Refer from* Architecture; Fire; Heat; Steam; Stoves
Hebrews *see* Jews	
Hebrides	
Hedgehogs	
Hedin, Sven	
Heidelberg	
Heine, Heinrich	
Helena, St.	*Refer from* St. Helena (s); Saints
Heligoland	
Helpfulness	*Refer from* Character; Ethical stories
Hennepin, Louis	
Henry IV, *king of England*	
Henry V, *king of England*	
Henry VI, *king of England*	
Henry VII, *king of England*	
Henry VIII, *king of England*	
Henry IV, *king of France and Navarre*	*Refer from* Henry of Navarre (s)
Henry I, *king of Germany*	

Henry of Navarre *see* Henry IV, king of France and Navarre
Henry, Patrick
Hens *see* Chickens; Poultry
Hepaticas
Heraldry
See also Arms and armor; Chivalry; Flags; Knights — *Refer from* Arms and armor; Chivalry; Coats of arms (s); Crests (s)
Herbariums — *Refer from* Botany; Plants
Hercules — *Refer from* Myths
Hero Fund *see* Carnegie Hero Fund Commission
Heroes and heroism (Page 20)
See also Adventure; Argonauts; Carnegie Hero Fund Commission; Courage; Explorers; Fire service; Life-saving; Myths; Trojan war; *also* names of heroes, e. g. Perseus, Peter of Haarlem, etc.; *also* heroic deeds, e. g. Light Brigade, Charge of the — *Refer from* Biography; Bravery (s); Character; Chivalry; Courage; Ethical stories; Valor (s)
Herons
Herschel, *Sir* William
Hervey islands *see* Cook islands
Hiawatha — *Refer from* Indians of America
Hibernation — *Refer from* Animals; Zoology
Hides and skins *see* Leather
Higginson, Thomas Wentworth
Himalaya mountains — *Refer from* Asia—Description and travel
Hindu literature — *Refer from* Literature—Hindu (s)
Hioh, *Indian chief*
Hippopotamus
History (Page 21)
See also Archaeology; Battles; Biography; Civilization; Crusades; Government; Kings and rulers; Middle ages; Naval battles; Queens; Reformation; Slavery; *also* names of countries, subhead History, e. g. England—History, and names of wars, e. g. Civil war, United States — *Refer from* Civilization; Feudal system; Man
History, Ancient — *Refer from* Ancient history (s)
Hittites
Hobson, Richmond Pearson
Hockey
See also Sports — *Refer from* Games; Skating; Sports; Winter sports (s)
Hofer, Andreas
Hogarth, William
Holbein, Hans, *the younger*
Holidays (Page 16)
See also April fool's day; Arbor day; Bird day; Christmas; Easter; Flag day; Hallowe'en; Independence day; Lincoln's birthday; May day; Memorial day; New Year's day; St. Patrick's day; Thanksgiving day; Twelfth night; Valentine's day; Washington's birthday; *also* names of people, subhead Birthday exercises, e. g. Longfellow, Henry Wadsworth—Birthday exercises — *Refer from* Anniversaries (s); Birthdays (s); Days (s); Festivals (s); Manners and customs
Holland, Josiah Gilbert — *Refer from* Titcomb, Timothy, pseud. (s)
Holland *see* Netherlands
Holmes, Oliver Wendell
——Birthday exercises

Holstein, Anna Louise Germaine (Necker), baronne de Staël *see* Staël, Madame de	
Holy Bible *see* Bible	
Holy grail	
See also Arthur, King; Lohengrin; Parsifal	*Refer from* Arthur, King; Folklore (s); Grail (s); Legends
Holy Land *see* Palestine	
Home decoration *see* House decoration	
Homer	
Honduras	*Refer from* Central America
Honesty	*Refer from* Character; Dishonesty (s); Ethical stories
Honolulu	
Hooker, *Gen.* Joseph	
Hoosac tunnel	*Refer from* Tunnels
Hope	*Refer from* Character; Ethical stories
Horace	
Horatius Cocles	
Horizontal bar	*Refer from* Sports
Horn, King *see* King Horn	
Hornets	
Horse-chestnut trees	
Horsemanship *see* Riding	
Horses	*Refer from* Animals; Farming; Ponies (s); Riding
Horseshoeing *see* Blacksmithing	
Hortense, *queen of Holland*	
Hosmer, Harriet Goodhue	
Hottentots	
See also Bushmen	
House boats	
See also Boats and boating	*Refer from* Boats and boating; Houses; Outdoor life
House decoration	
See also Carpets; Flowers — Arrangement; Fretwork; Furniture; Pictures; Rugs; Tapestry	*Refer from* Art; Furniture; Home decoration (s); Housekeeping; Rugs
Housekeeping	
See also Cooking; Food; Furniture; House decoration; Markets	*Refer from* Cooking; Industries
Houses	
See also Animals — Houses; Architecture; House boats; Log cabins; Tree houses	*Refer from* Architecture; Building (s); Carpentry
Houston, *Gen.* Samuel	
Howard, Henry, earl of Surrey *see* Surrey, Henry Howard, earl of	
Howard, John	
Howard, Thomas, duke of Norfolk *see* Norfolk, Thomas Howard, duke of	
Howe, Elias	*Refer from* Sewing machines
Howe, *Mrs* Julia (Ward)	
Howe, Richard, *earl*	
Howe, Samuel Gridley	
Howells, William Dean	
Hudson, Henry	
Hudson Bay company	*Refer from* Furs
Huguenots	
See also St. Bartholomew's day, Massacre of	*Refer from* France—History; St. Bartholomew's day, Massacre of
Hull, Isaac	
Humboldt, Alexander von	
Hume, David	

Humming-birds

Humor
See also Nursery rhymes; Readers and speakers

Refer from American literature; English literature; Jokes (s); Nonsense rhymes (s); Wit and humor (s)

Humphreys, Samuel

Hungary *see* Austria-Hungary

Hunt, Mrs Helen *see* Jackson, Mrs. Helen Hunt

Hunter, John

Hunter, William

Hunting
See also Falconry; Fishing; Guns; Sports; Tracking; Trapping

Refer from Adventure; Amusements; Animals; Big game (s); Country life; Outdoor life; Riding; Shooting (s); Sports; Trapping

Hurricanes *see* Storms

Huxley, Thomas Henry

Hyacinths

Hydraulic engineering *see* Water power

Hyenas

Hygiene
See also Baths and bathing; Clothing; Food; Germs; Nurses and nursing; Physical education; Physiology; Sleep; Temperance

Refer from Body, Human (s); Cleanliness (s); Health (s); Nurses and nursing; Physical education; Physiology

Hygiene, Public
See also Civic readers; Street cleaning; Water supply

Refer from Public health (s)

Hymns
See also Music; Poetry — Collections; Songs

Refer from Music; Poetry—Collections; Religion; Singing (s); Songs

Hypatia

Ice
See also Arctic regions; Glaciers; Ice boats; Icebergs; Skating; Water

Refer from Frosts; Glaciers; Physical geography; Water

Ice boats
See also Boats and boating

Refer from Boats and boating; Ice; Sailing (s); Ships; Sports; Winter sports (s); Yachts and yachting

Icebergs
See also Arctic regions; Glaciers; Physical geography

Refer from Arctic regions; Glaciers; Ice; Ocean; Physical geography

Iceland

Refer from Scandinavia (s)

Ideals

Refer from Aspiration (s); Character; Ethical stories

Idleness

Refer from Character; Ethical stories; Indolence (s); Laziness (s)

Imports *see* Commerce

Inauguration of the presidents of the U. S. *see* Presidents

Incas *see* Peru

Inchcape rock

Independence day
See also Declaration of independence

Refer from Days (s); Declaration of independence; Fourth of July (s); Holidays; United States—Manners and customs

India

Refer from Asia—Description and travel; England—Colonies

——Description and travel
See also names of cities, e.g. Bombay

——Manners and customs

Refer from Manners and customs

India-rubber *see* Rubber

Indian corn *see* Corn

Indians of America
See also Aztecs; Cliff dwellers; Eskimos; French and Indian war, 1755-63; Frontier life; Hiawatha; Mound builders; Wampum; (The) West; *also* names of Indians, e.g. Pocahontas, Pontiac, chief of the Ottawas — *Refer from* American Indians (s); Archaeology; Iroquois Indians (s); North American Indians (s); Pueblo Indians (s); United States—History; (The) West
——Biography — *Refer from* Biography
——Folklore (Page 12) — *Refer from* Legends; Myths
——Industries — *Refer from* Beadwork
Indigo — *Refer from* Dyeing
Indo-China
Indolence *see* Idleness
Induction coils — *Refer from* Electricity
Industries (Page 19)
See also Blacksmithing; Bookbinding; Business; Carpentry; Commerce; Dressmaking; Dyeing; Electric engineering; Engineering; Farming; Fishing; Handicraft; Housekeeping; Inventions; Lumbering; Machinery; Manufactures; Masonry; Mechanics; Millinery; Mines and mining; Occupations, Choice of; Pottery; Printing; Shipbuilding; Tanning; Tools; Weaving — *Refer from* Arts, Useful (s); Business; Commercial geography (s); Geography; Inventions; Lumbering; Manufactures; Pottery; Resources (s); Tanning; Trades (s); United States—Industries (s); Useful arts (s)
Industry — *Refer from* Character; Ethical stories
Iñez de Castro *see* Castro, Iñez de
Ingelow, Jean
Ingres, Jean Auguste Dominique
Injuries *see* Accidents; First aid in illness and injury
Inquisition — *Refer from* Middle ages; Spain—History
Insects
See also Beetles; Caterpillars; Moths; Parasites; *also* names of insects, e.g. Butterflies, Flies — *Refer from* Animals; Beetles; Zoology
Intemperance *see* Temperance
Inventions
See also Industries; Inventors — *Refer from* Civilization; Discoveries (in science); Industries; Inventors; Machinery; Science; Telegraph
Inventors
See also Inventions; *also* names of inventors, e.g. Edison, Thomas Alva — *Refer from* Biography; Inventions; Scientists
Ionian islands
Ireland
——Description and travel
See also Giant's causeway; *also* names of cities, e.g. Dublin
Iron
See also Ironwork; Metals; Mines and mining; Steel — *Refer from* Manufactures; Mines and mining; Steel
Iron Mask *see* Man with the Iron Mask
Ironclads *see* Warships
Ironwork
See also Blacksmithing; Fretwork; Metal work — *Refer from* Art; Fretwork; Handicraft; Iron; Metal work
Iroquois Indians *see* Indians of America
Irving, Washington
——Birthday exercises
Islands
See also Physical geography; *also* names of islands, e.g. Cuba — *Refer from* Geography; Physical geography
Isle of Man
Isle of Wight

Isolde *see* Tristan and Isolde
Isthmian canal *see* Panama canal
Italian books
Note: Used for books in the Italian language
Italy
——Description and travel
See also Capri, Island of; Corsica; Sardinia; Sicily; Vesuvius, Mount; *also* names of cities, e.g. Venice
Ivory
Ixtlilxochitl, *king of Tezcuco*
Jackson, Andrew — *Refer from* War of 1812
Jackson, *Mrs* Helen Hunt — *Refer from* Hunt, *Mrs* Helen (s)
Jackson, Stonewall *see* Jackson, Gen. Thomas Jonathan (called Stonewall)
Jackson, *Gen.* Thomas Jonathan (*called* Stonewall) — *Refer from* Jackson, Stonewall (s)
Jacquard, Joseph Marie
Jacqueline of Bavaria, [*countess of Holland*]
Jamaica — *Refer from* West Indies
James I, *king of England* — *Refer from* James VI, king of Scotland (s)
James II, *king of England*
James I, *king of Scotland*
James V, *king of Scotland*
James VI, king of Scotland *see* James I, king of England
Japan
See also Ainos
——Folklore — *Refer from* Japanese folklore (s)
——Manners and customs — *Refer from* Children
Japanese folklore *see* Japan—Folklore
Jason *see* Argonauts
Java — *Refer from* East Indies
Jay, John
Jeanne d'Arc *see* Joan of Arc
Jefferson, Thomas
Jeffrey, Francis, *lord*
Jellyfish — *Refer from* Ocean life
Jenghis Khan — *Refer from* Genghis Khan (s)
Jenner, Edward
Jervis, John, earl St. Vincent *see* St. Vincent, John Jervis, earl
Jesus Christ
See also Bible; Christmas; Easter — *Refer from* Christ (s); Bible stories; Religion
Jewelry
See also Beadwork; Diamonds; Pearls; Precious stones — *Refer from* Art; Costume; Diamonds; Gems (s); Gold; Handicraft; Metal work; Precious stones
Jews
See also Talmud — *Refer from* Bible stories; Hebrews (s); Man
Joan of Arc — *Refer from* Arc, Joan of (s); D'Arc, Jeanne (s); France—History; Jeanne d'Arc (s); Maid of Orleans (s); Patriotism
John, *king of England*
John of Lancaster *see* Bedford, John Plantagenet, duke of
Johnson, Andrew
Johnson, Samuel
Johnston, *Gen.* Joseph Eggleston

Jokes *see* Humor	
Joliet, Louis	
Jones, Charles Jesse	*Refer from* Buffalo Jones (s)
Jones, John Paul	*Refer from* Naval battles
Jones, *Sir* William	
Joseph, *Indian chief*	
Josephine, *empress of the French*	
Josephus, [Flavius]	
Journalism	
See also Newspapers	*Refer from* Authors; Literature; Newspapers
Juan Fernandez island	
Juana [de Navarra], *queen of Spain*	
Justice	*Refer from* Character; Ethical stories
Justinian I, *the Great*	
Kaffirs *see* Kafirs	
Kafirs	
See also Africa, South	*Refer from* Africa, South; Kaffirs (s)
Kaler, James Otis *see* Otis, James, *pseud.*	
Kalevala	*Refer from* Folklore (s)
Kane, Elisha Kent	
Kangaroos	
Kansas	
Karnak, Temple of	
Katydids	
Kauffmann, Angelica	
Kearney, Stephen Watts	
Kearsarge (ship) *see* Alabama and Kearsarge (ships)	
Keats, John	
Ken, Thomas	
Kenton, Simon	
Kepler, Johann	
Keys *see* Locks	
Kidd, *Capt.* William	
Kilauea	*Refer from* Volcanoes
Kindergarten—Games and songs	*Refer from* Games; Play (s)
Kindness	*Refer from* Character; Ethical stories
Kindness to animals	
See also Animals—Care	*Refer from* Animals—Care; Animals, Kindness to (s); Domestic animals (s);
Kinetoscope *see* Moving pictures	
King Arthur *see* Arthur, King	
King George's war, 1744-48	
See also Colonial period, United States	*Refer from* Colonial period, United States
King Horn	*Refer from* Childe Horn (s); Folklore (s); Horn, King (s); Legends
King William's war, 1689-97	
See also Colonial period, United States	*Refer from* Colonial period, United States
(The) King-maker *see* Warwick, Richard Neville, earl of	
Kingfishers	
Kings and rulers	
See also Presidents; Queens; *also* names of special rulers, e.g. Alfred the Great, king of England	*Refer from* Biography; History; Rulers (s)
Kingsley, Charles	
Kipling, Rudyard	
Kirchoff, Gustav Robert	
Kites	*Refer from* Amusements; Balloons; Flying; Sports; Toys
Knighthood *see* Chivalry; Feudal system; Knights	
Knights	*Refer from* Chivalry; Heraldry; Knighthood (s)

Knights of the Round Table *see* Arthur, King; Lancelot of the Lake
Knitting
See also Crocheting; Lace; Spool knitting — *Refer from* Crocheting; Fancy work (s); Lace; Needlework (s); Sewing
Knives
See also Cutlery — *Refer from* Cutlery; Hardware; Weapons
Knots — *Refer from* Rope
Knox, *Mrs* Lucy (Flucker)
Knut the Great *see* Canute, *king of England, Denmark and Norway*
Korea — *Refer from* China—Description and travel; Corea (s)
Kościuszko, [Tadeusz]
Koster, Laurens Janszoon *see* Coster, Laurens Janszoon
Kremlin
Ku-Klux Klan — *Refer from* (The) South
Laboulaye, Édouard
Labrador — *Refer from* Eskimos
Lace
See also Crocheting; Knitting — *Refer from* Art; Clothing; Crocheting; Fancy work (s); Handicraft; Knitting; Needlework (s); Sewing
Lafayette, *marquis de*
La Fontaine, Jean de
Lake dwellers
See also Man—Prehistoric — *Refer from* Archaeology; Lakes; Man—Prehistoric
Lake Erie, Battle of *see* Erie, Lake, Battle of, 1813
Lakes
See also Great Lakes; Lake dwellers; Physical geography; *also* names of lakes, e.g. Victoria, Lake — *Refer from* Physical geography; Water supply
Lamb, Charles
Lambs
La Motte-Fouqué, [Friedrich Heinrich Karl,] *baron* de — *Refer from* Fouqué, baron de la Motte—(s); Motte-Fouqué, baron de la (s)
Lancelot of the Lake
See also Arthur, King — *Refer from* Folklore (s); Knights of the Round Table (s); Launcelot of the Lake (s); Legends
Landseer, *Sir* Edwin
Langland, William
Language
See also Alphabet; Primers; Words
Laocoön
Lapland
Larks
La Salle, Robert Cavelier
Lathes — *Refer from* Carpentry; Machinery; Tools; Turning (s); Woodwork (s)
Latimer, Hugh
Latin literature—Collections — *Refer from* Classical literature (s); Literature—Roman (s); Roman literature (s)
Launcelot of the Lake *see* Lancelot of the Lake
Launches *see* Motors boats
Lava *see* Volcanoes
Law
See also Arbitration; Citizenship; Civic readers; Government; Lawyers; United States—Government — *Refer from* Government
Lawn tennis *see* Tennis

Lawrence, James	
Lawrence, *Sir* Thomas	
Lawton, *Gen.* Henry Ware	
Lawyers	*Refer from* Law
Laziness *see* Idleness	
Lead	
See also Metals	*Refer from* Mines and mining
Lear, Edward	
Leather	
See also Leather work; Shoes; Tanning	*Refer from* Hides and skins (s); Manufactures; Tanning
Leather work	*Refer from* Art; Bookbinding; Handicraft; Leather
Leaves	
See also Botany; Buds; Flowers; Trees	*Refer from* Botany; Flowers; Plants; Trees
Le Brun, *Madame*	
Lee, *Gen.* Henry	
Lee, *Gen.* Robert E[dward]	
Lee, William	
Leeches	
Legends (Page 10)	
See also Animals—Stories; Arthur, King; Ballads; Beowulf; Charlemagne romances; (The) Cid; Fables; Fairy tales; Folk songs; Gawain, Sir; Gudrun; Guy of Warwick; Havelok the Dane; Holy grail; Indians of America—Folklore; King Horn; Lancelot of the Lake; Merlin; Myths; Robin Hood; Roland; Sagas; Saints; Siegfried; Tell, William; Wandering Jew; Wayland the Smith	*Refer from* Fairy tales; Folklore (s); Literature; Myths; Romances (s); Stories (s)
Leicester, Simon de Montfort, earl of *see* Montfort, Simon de, earl of Leicester	
Leighton, *Sir* Frederick	
Leisler, Jacob	
Leo X, *pope*	
Leon, Ponce de *see* Ponce de Leon, Juan	
Leonardo da Vinci	*Refer from* Vinci, Leonardo da (s)
Leonidas, *king of Sparta*	
Leopards	
Leper island *see* Molokai island	
Lettering	*Refer from* Alphabet; Design; Mechanical drawing; Writing
Letters—Collections	*Refer from* American literature; English literature; Literature
Levant	
See also Asia; Palestine; Turkey	
Lewis, Ida	
Lewis and Clark expedition	
See also (The) West	*Refer from* Explorers; Louisiana purchase; United States—Exploration; (The) West
Lexington, Battle of, 1775	
See also American revolution	*Refer from* American revolution
Libby prison	*Refer from* Prisons
Liberty, Statue of	*Refer from* Sculpture; Statues (s)
Lichens	
See also Mosses	*Refer from* Mosses
Life-saving	
See also Accidents; Buoys; Fire service; Lighthouses; Lightships; Shipwrecks	*Refer from* Accidents; Boats and boating; Heroes and heroism; Lifeboats (s); Shipwrecks
Lifeboats *see* Life-saving	

Light
See also Aurora borealis; Lighting; Phosphorescence; Photography; Physics; Sun; X rays — *Refer from* Physics

Light Brigade, Charge of the — *Refer from* Balaklava (s); Charge of the Light Brigade (s); Crimean war; Heroes and heroism

Lighthouses — *Refer from* Life-saving; Lighting; Signals

Lighting
See also Candles; Electric lighting; Gas; Lighthouses; Natural gas; Petroleum — *Refer from* Light

Lightships — *Refer from* Life-saving; Ships; Signals

Lincoln, Abraham
See also Gettysburg address

Lincoln, *Gen.* Benjamin

Lincoln, Thomas

Lincoln's birthday (Page 16) — *Refer from* Birthdays (s); Days (s); Holidays

Lind, Jenny — *Refer from* Singers (s)

Linen
See also Cloth; Flax — *Refer from* Cloth; Flax

Linnæus, Carl *von*

Lions

Liquid air — *Refer from* Air; Air, Liquid (s); Gases; Liquids

Liquids
See also Liquid air — *Refer from* Fluids (s)

Liszt, Franz

Literature
See also Authors; Ballads; Books and reading; Drama; Dramatic readers; Fables; Fairy tales; Humor; Journalism; Legends; Letters—Collections; Orations; Poetry; Proverbs; Quotations; Readers and speakers; Sagas — *Refer from* Authors; Books and reading; Poetry

Literature, American *see* American literature

Literature, Chinese *see* Chinese literature

Literature, English *see* English literature

Literature, Greek *see* Greek literature—Collections

Literature, Hindu *see* Hindu literature

Literature, Roman *see* Latin literature—Collections

Livermore, *Mrs* Mary [Ashton (Rice)]

Lives *see* Biography

Livingstone, David — *Refer from* Africa—Exploration

Lizards — *Refer from* Reptiles

Llamas

Llanos

Lobsters — *Refer from* Ocean life

Locks — *Refer from* Hardware; Keys (s); Manufactures

Locomotives
See also Railroads; Steam engines — *Refer from* Engines; Machinery; Railroads; Steam engines

Locusts
See also Cicadas (commonly called locusts); Grasshoppers — *Refer from* Grasshoppers

Lofoden islands

Log cabins — *Refer from* Building (s); Cabins (s); Carpentry; Houses

Logging *see* Lumbering

Lohengrin — *Refer from* Holy grail

London	
See also British Museum; Crystal palace, London; St. Paul's cathedral, London; Tower of London; Westminster abbey	*Refer from* England—Description and travel
Longfellow, Henry Wadsworth	
——Birthday exercises	*Refer from* Birthdays (s); Holidays (s)
Looms *see* Weaving	
Loons	
Lorelei	
Lorrain, Claude *see* Claude Lorrain	
Lorraine, Henry I de, duke of Guise *see* Guise, Henry I, de Lorraine, duke of	
Lotus	
Louis, St. *see* Louis IX, king of France	
Louis VII, *king of France*	
Louis IX, *king of France*	*Refer from* Louis, St. (s); Crusades
Louis XI, *king of France*	
Louis XIV, *king of France*	
Louis XVII, *titular king of France*	
Louis Napoleon, *see* Napoleon III, emperor of the French	
Louisa, *queen of Prussia*	
Louisburg	*Refer from* French and Indian war, 1755-63
Louisiana purchase	
See also Lewis and Clark expedition; Mississippi valley; United States—History	*Refer from* United States—History
Lowell, Charles Russell	
Lowell, James Russell	
——Birthday exercises	
Lucas, Eliza	
Lucullus	
Lumbering	
See also Forestry; Industries; Sawmills; Trees; Wood	*Refer from* Forestry; Industries; Logging (s); Sawmills; Timber (s); Trees; Wood
Lusignan, Guy of *see* Guy of Lusignan, king of Jerusalem	
Luther, Martin	
Lycurgus	
Lyell, *Sir* Charles	
Lynxes	*Refer from* Wildcats (s)
Lyon, Mary	
Lysander	*Refer from* Greece, Ancient
Lytton, [Edward George Earle Lytton Bulwer-Lytton,] *baron*	*Refer from* Bulwer-Lytton, Edward George Earle Lytton, baron Lytton (s)
Macaroni	
Macaulay, [Thomas Babington,] *lord*	
Macbeth	
McClellan, *Gen.* George Brinton	
McCormick, Cyrus Hall	
MacDonald, Flora	
McDonough, Thomas	*Refer from* War of 1812
Macedonia	
See also Alexander the Great, king of Macedon; Greece, Ancient; Philip II, king of Macedon	*Refer from* Greece, Ancient
Machinery	
See also Electric motors; Engines; Inventions; Lathes; Locomotives; Manufactures; Mechanical drawing; Mechanics; Mines and mining; Pumps; Saw-	*Refer from* Engineering; Industries; Manual training; Manufactures; Mechanics; Pumps; Tools

Machinery—Continued
mills; Sewing machines; Steam engines· Tools; Water wheels; Windmills
Mackay, Alexander Murdoch
McKinley, William
Mackintosh, *Sir* James
Madagascar
Madeira islands
Madison, *Mrs* Dorothy (Payne)
Madison, James
Madrid
Mæcenas
Magdalene of France, *queen of Scotland*
Magellan, Ferdinand
Magic
See also Tricks and puzzles; Witchcraft

Refer from Amusements; Conjuring (s); Experiments (s); Sleight of hand (s); Tricks and puzzles

Magic lanterns
See also Moving pictures

Refer from Amusements; Photography; Stereopticons (s)

Magna charta

Refer from England — History; Great charter (s)

Magnetism
See also Compass; Electricity; Physics

Refer from Electricity; Physics

Magpies
Mahogany trees
Mahomet *see* Mohammed and Mohammedanism
Maid of Orleans *see* Joan of Arc
Mail service
See also Stamps

Refer from Business; Post-office (s); Transportation; United States — Government

Maimonides, Moses
Maintenon, *Madame* de
Maize *see* Corn
Malay peninsula

Refer from East Indies

Malays
Malta
Mammoth cave

Refer from Caves

Mammoths
See also Animals—Extinct; Elephants; Fossils

Refer from Animals—Extinct; Elephants; Fossils

Man
See also Civilization; Dwarfs; Evolution; History; Manners and customs; Physiology; *also* names of races, e.g. Jews

Refer from Anthropology (s); Civilization; Natural history; Physiology

——Prehistoric
See also Archaeology; Cave dwellers; Cliff dwellers; Evolution; Geology; Lake dwellers; Stone age

Refer from Archaeology; Antiquity of man (s); Evolution; Geology; Lake dwellers; Prehistoric man (s); Primitive man (s); Stone age

Man with the Iron Mask

Refer from Iron Mask (s)

Manatees
Manchuria

Refer from China—Description and travel; Tartars

Mandeville, *Sir* John
Manila
Mann, Horace
Manners
See also Conduct; Manners and customs

Refer from Behavior (s); Conduct; Courtesy (s); Etiquette (s); Politeness (s)

Manners and customs (Page 23)
See also Amusements; Archaeology; Costume; Duels and dueling; Holidays; *also* names of countries, subhead Manners and customs, e.g. India—Manners and customs — *Refer from* Civilization; Customs (s); Folklore (s); Man; Manners

Mansfield, [William Murray,] *earl of* — *Refer from* Murray, William, earl of Mansfield (s)

Mantegna, Andrea
Manual training (Page 19)
See also Carpentry; Drawing; Machinery; Wood carving — *Refer from* Carpentry; Education; Handicraft; Woodwork (s)

Manufactures (Page 19)
See also Automobiles; Bricks; Candles; Carpets; Clocks and watches; Cloth; Clothing; Commerce; Cutlery; Explosives; Flour; Furniture; Glass; Hats; Industries; Iron; Leather; Locks; Machinery; Matches; Nails and screws; Needles and pins; Paper; Pens; Perfumery; Pottery; Rubber; Shoes; Soap; Steel; Tin — *Refer from* Arts, Useful (s); Business; Commerce; Industries; Machinery; Useful arts (s)

Maple sugar — *Refer from* Sugar
Maple trees — *Refer from* Trees
Marathon, Battle of, 490 B. C.
See also Greece, Ancient — *Refer from* Battles; Greece, Ancient
Marble — *Refer from* Geology; Minerals; Quarries (s); Stone

Marbles (game) — *Refer from* Games
Marcellus, [Marcus Claudius]
Marco Polo *see* Polo, Marco
Marcus Aurelius, *emperor of Rome* — *Refer from* Aurelius Antoninus, Marcus, emperor of Rome (s)

Mardi Gras — *Refer from* Carnivals (s); Festivals (s)
Margaret, *St. see* **Margaret,** queen of Scotland
Margaret, *queen of Scotland* — *Refer from* Margaret, St. (s); St. Margaret (s)

Margaret of Anjou, *queen of England*
Margaret of Austria, *regent of the Netherlands*
Margaret Tudor, *queen of Scotland*
Maria Theresa, *empress of Austria*
Marie Antoinette, *queen of France*
Mariner's compass *see* Compass
Marion, *Gen.* Francis
Marius, [Caius]
Markets
See also Bazaars; Fairs — *Refer from* Bazaars; Business; Cities; Commerce; Food; Housekeeping; Vegetables

Marlborough, [John Churchill,] *duke of* — *Refer from* Churchill, John, duke of Marlborough (s)

Marquesas islands
Marquette, Jacques
Marshall, John
Martial
Martineau, Harriet
Mary I, *queen of England*
Mary, *queen of Scots* — *Refer from* Queens
Mary of Lorraine, *queen of Scotland*
Mason, *Sir* Josiah
Masonry
See also Bricks; Bridges; Concrete; Dams; Stone — *Refer from* Architecture; Bricks; Building (s); Engineering; Industries; Stone

Massachusetts	*Refer from* New England; **Pilgrim fathers**
Massacre of St. Bartholomew *see* St. Bartholomew's day, Massacre of	
Mastersingers of Nuremberg *see* (The) Meistersinger	
Matches	*Refer from* Manufactures
Mather, Cotton	
Matilda of Flanders, *queen of England*	
Matilda of Scotland, *queen of England*	*Refer from* Maud, queen of England **(s)**
Maud, queen of England *see* Matilda of Scotland, queen of England	
Maximilian, *emperor of Mexico*	
Maximilian I, *duke of Bavaria*	
Maxims *see* Proverbs	
Maxwell, William, earl of Nithsdale *see* Nithsdale, William Maxwell, earl of	
May day	*Refer from* Days (s); Holidays
Mayflower (ship) *see* Pilgrim fathers; Plymouth	
Mazarin, [Jules,] *cardinal*	
Mazeppa, Ivan [Stepanovitch]	
Meade, *Gen.* George Gordon	
Meat	
See also Cooking	
Mechanical drawing	
See also Lettering	*Refer from* Drawing; Engineering; Machinery
Mechanical toys *see* Electric toys; Toys	
Mechanics	
See also Aeroplanes; Airships; Automobiles; Electric motors; Electric toys; Engineering; Handicraft; Machinery; Motor boats; Motor cycles; Physics; Steam engines	*Refer from* Engineering; Industries; Machinery; Physics
Medicine	
See also Dentistry; Doctors; Nurses and nursing; Physiology	*Refer from* Nurses and nursing; Physiology
Mediterranean sea	
Meissonier, Jean Louis Ernest	
(The) Meistersinger	*Refer from* Mastersingers of Nuremberg (s)
Memorial day	*Refer from* Days (s); Decoration day (s); Holidays
Menageries	
See also Circus	*Refer from* Animals; Animals—Houses; Natural history; Zoology
Mendelssohn, Moses	
Mendelssohn-Bartholdy, Felix	
Mercury	*Refer from* Metals; Mines and mining; Quicksilver (s)
Merlin	
See also Arthur, King	*Refer from* Folklore (s); Legends
Merrimac (ship)	*Refer from* Naval battles; United States—Navy
Metacom *see* Philip, King, *Indian name Metacom*	
Metal work	
See also Brass; Bronze; Copper work; Handicraft; Ironwork; Jewelry	*Refer from* Architecture; Art; Handicraft; Hardware; Ironwork
Metals	
See also Minerals; Mines and mining; *also* names of metals and alloys, e.g. Brass, Gold, Mercury	*Refer from* Aluminum; Copper; Geology; Iron; Lead; Minerals; Mines and mining; Ores (s); Silver; Smelting (s); Tin; Zinc
Meteorology *see* Weather	

Meteors *See also* Astronomy	*Refer from* Astronomy; Shooting stars (s); Stars
Mexican war, 1846-48	*Refer from* United States — History; United States—History—Mexican war (s)
Mexico	*Refer from* Aztecs
Mexico (city)	
Meyerbeer, Giacomo	
Mice	
Michael Angelo	*Refer from* Artists; Angelo, Michael (s); Sculptors
Microbes *see* Germs	
Micronesia	
Microscope	
Middle ages *See also* Castles; Chivalry; Crusades; Feudal sytem; Hanseatic league; Inquisition; Reformation	*Refer from* Chivalry; Crusades; Dark ages (s); Europe—History; Feudal system; History
Migration of birds *see* Birds—Migration	
Miles, *Gen.* Nelson A[ppleton]	
Military life *see* Army life	
Milk *See also* Butter; Cheese; Cows	*Refer from* Cows; Dairy (s); Farming
Milkweed	
Millais *Sir* John Everett	
Miller, Hugh	
Millet, Jean François	
Millinery *See also* Costume; Hats	*Refer from* Hats; Industries
Milner, Isaac	
Miltiades	
Milton, John	
Minerals *See also* Crystals; Geology; Granite; Marble; Metals; Mines and mining; Precious stones; Rocks; *also* names of minerals, e.g. Coal; Salt	*Refer from* Crystals; Geology; Metals; Mines and mining; Natural history; Ores (s); Rocks; Science
Mines and Mining *See also* Coal; Explosives; Geology; Gold; Iron; Lead; Mercury; Metals; Minerals; Salt; Silver	*Refer from* Coal; Engineering; Geology; Gold; Industries; Iron; Machinery; Metals; Minerals; Ores (s); Silver; Tunnels
Mines and mining	
Ministers *See also* Preaching	*Refer from* Biography; Preachers (s); Preaching
Minks	
Mints	*Refer from* Coins; Money; United States —Mints (s)
Miracle plays *See also* Oberammergau	*Refer from* Actors and acting; Drama; Plays; Religion; Theater (s)
Mirage	*Refer from* Deserts
Missionary work	*Refer from* Religion
Mississippi river	*Refer from* Rivers
Mississippi valley	*Refer from* Louisiana purchase; United States—Exploration
Missouri	
Mistletoe	
Mitchell, Maria	
Mocking birds	
Modeling *see* Clay modeling; Sculpture	
Mohammed and Mohammedanism	*Refer from* Mahomet (s); Moors; Religion
Mold *see* Fungi	
Moles	

Mollusks *see* Ocean life; Oysters; Shells	
Molokai island	
See also Damien de Veuster, Father Joseph	*Refer from* Leper island (s)
Moltke, *Count* von	
Monaco	
Money	
See also Banks and banking; Business; Coins; Commerce; Mints; Wampum; Wealth	*Refer from* Banks and banking; Business; Coins; Commerce; Finance (s); Gold; Government; Paper money (s); Silver; Wealth
Monitor (ship)	
Monkeys	
See also Apes; Baboons	*Refer from* Apes; Baboons
Monmouth's rebellion, 1685	
Monroe, James	
Montefiore, *Sir* Moses	
Montenegro	
See also Balkan states	*Refer from* Balkan states
Montezuma II, *emperor of Mexico*	*Refer from* Aztecs
Montfort, Simon de, [*earl of Leicester*]	*Refer from* Leicester, Simon de Montfort, earl of (s); Simon de Montfort (s)
Montreal	
Montrose, [James Graham,] *marquis of*	*Refer from* Graham, James, marquis of Montrose (s)
Monuments *see* Obelisks; Pyramids	
Moody, Dwight L[yman]	
Moon	
See also Astronomy; Eclipses; Tides	*Refer from* Astronomy; Eclipses; Planets; Tides
Moore, *Sir* John	
Moore, Thomas	
Moors	
See also Algeria; Alhambra; Mohammed and Mohammedanism; Morocco	*Refer from* Spain—History
Moose	
Moral stories *see* Ethical stories	
Morales, Luis de	
More, *Sir* Thomas	
Morgan, *Gen.* Daniel	
Morgan, Edwin Dennison	
Morley, *Sir* Robert	
Mormons	
Morning-glories	
Morocco	*Refer from* Moors
Morris, Gouverneur	
Morris, Robert	
Morse, Samuel Finley [Breese]	*Refer from* Telegraph
Morton, Levi P[arsons]	
Moscow	*Refer from* Russia—Description and travel
Moselle river	
Moses	*Refer from* Bible stories
Mosquitoes	
Mosses	
See also Lichens	*Refer from* Lichens
Mother Goose melodies *see* Nursery rhymes	
Moths	
See also Butterflies; Caterpillars; Silkworms	*Refer from* Butterflies; Caterpillars; Chrysalis (s); Cocoons (s); Insects
Motion pictures *see* Moving pictures	
Motley, John Lothrop	
Motor boats	*Refer from* Boats and boating; Electric launches (s); Launches (s); Mechanics; Power boats (s)

Motor carriages *see* Automobiles
Motor cycles — *Refer from* Bicycles and bicycling; Mechanics; Sports

Motors *see* Electric motors
Mott, *Mrs* Lucretia
Motte-Fouqué, *baron* de la *see* La Motte-Fouqué Friedrich Heinrich Karl, baron de
Mottoes *see* Proverbs; Quotations
Mould *see* Fungi
Moulton, *Mrs* Louise (Chandler)
Mound builders — *Refer from* Archaeology; Indians of America; Tombs

Mount Vernon — *Refer from* United States — Description and travel; Washington, George

Mountains
See also Geology; Physical geography; Volcanoes; *also* names of mountains, e.g. Alps mountains; Etna, Mount; Rocky mountains — *Refer from* Geology; Physical geography

Moving pictures — *Refer from* Actors and acting; Amusements; Drama; Kinetoscope (s); Magic lanterns; Motion pictures (s); Photography; Pictures; Pictures, Moving (s); Plays; Theater (s)

Mozambique
Mozart, Wolfgang Amadeus
Mucius, Caius *see* Scævola, C. Mucius
Mud Turtles *see* Turtles
Mummies
Munich
Murfree, Mary Noailles *see* Craddock, Charles Egbert, pseud
Murillo, Bartolomé Estéban
Murray, William, earl of Mansfield *see* Mansfield William Murray, earl of
Museums
See also British museum — *Refer from* Art; Exhibitions (s)
Mushrooms
See also Fungi — *Refer from* Fungi; Toadstools (s)
Music
See also Cantatas; College songs; Hymns; Musical instruments; Musicians; Operettas; Songs — *Refer from* Art; Hymns; Singing (s); Sound
Musical instruments
See also Piano — *Refer from* Music; Piano
Musicians
See also names of musicians, e.g. Wagner, Richard — *Refer from* Artists; Biography; Composers (s); Music; Singers (s)
Muskrats
Mythology *see* Myths
Myths (Page 9)
See also Argonauts; Fairy tales; Indians of America—Folklore; Legends; Sagas; *also* names of mythological heroes, e.g. Hercules, Theseus — *Refer from* Fairy tales; Folklore (s); Heroes and heroism; Legends; Mythology (s); Religion; Stories (s)
——**Greek and Roman** — *Refer from* Classical mythology (s); Greek mythology (s); Roman mythology (s)
——**Norse** — *Refer from* Norse mythology (s); Norsemen; Northern mythology (s)

Nails and screws — *Refer from* Manufactures; Screws (s); Tools

Names — *Refer from* Christian names (s); Words
Nansen, Fridtjof — *Refer from* Arctic regions

Naples
Napoleon I, *emperor of the French*
See also Waterloo, Battle of, 1815

Refer from Bonaparte, Napoleon (s); French revolution

Napoleon III, *emperor of the French*

Refer from Bonaparte, Louis Napoleon (s); Louis Napoleon (s)

Nasmyth, James
Nasturtiums
Natal
National songs *see* Folk songs; Songs
Natural bridge, Arizona
Natural bridge, Virginia
Natural gas
See also Gas

Refer from Gas; Gases; Geology; Lighting; Petroleum

Natural history (Page 18)
See also Animals; Aquariums; Botany; Fossils; Geology; Man; Menageries; Minerals; Nature; Ocean; Outdoor life; Plants; Physical geography; Science Taxidermy; Trees; Zoology

Refer from Animals; Botany; Nature; Outdoor life; Plants; Science; Zoology

Nature (Page 18)
See also Animals; Arbor day; Birds; Botany; Earth; Flowers; Natural history; Outdoor life; Plants; Science; Seasons; Trees; Zoology

Refer from Arbor day; Botany; Country life; Natural history; Outdoor life; Physical geography; Science; Zoology

——Poetry

Refer from Poetry—Collections

Nautilus
Naval battles (Page 22)
See also Battles; Spanish armada, 1588; Pirates; Submarine boats; Torpedo boats; United States—Navy; Warships; *also* names of naval battles, commanders and ships, e.g. Erie, Lake, Battle of, 1813; Jones, John Paul; Merrimac (ship)

Refer from Armies (s); Battles; Fighting (s); History; Naval life; Navies (s); Sea fights (s); United States—Navy; War; Warships

Naval life
See also Naval battles; Pirates; Sea stories; Ships; United States Naval Academy, Annapolis; United States—Navy; Voyages

Refer from Armies (s); Army life; Navies (s); Sailors; Sea stories; Ships; Soldiers; United States—Navy

Naval War College, Newport, R. I.

Refer from United States, Naval War College, Newport, R. I. (s)

Navies *see* Naval battles; Naval life; Shipbuilding; Spanish armada, 1588; Submarine boats; Torpedo boats; Warships; *also* names of countries, subhead Navy, e.g. France—Navy, United States—Navy
Necker, Jacques
Needles and pins
Needlework *see* Beadwork; Crocheting; Drawn work; Dressmaking; Embroidery; Knitting; Lace; Sewing; Tapestry

Refer from Manufactures; Pins (s)

Negroes
See also Slavery

Refer from Colored people (s); Man; Slavery; (The) South

——Stories

Refer from Folklore (s)

Nelson, *Admiral* Horatio
Nero, *emperor of Rome*
Nests
See also Birds

Refer from Birds; Birds' nests (s); Zoology

Netherlands

Refer from Holland (s)

——Description and travel
See also names of cities, e. g. (The) Hague

Neville, Richard, earl of Warwick *see* Warwick, Richard Neville, earl of
New Amsterdam *see* New York (city)
New Caledonia island
New England
See also Pilgrim fathers; *also* names of the New England states, e. g. Massachusetts — *Refer from* United States—History
New Guinea
New Hebrides islands
New Jersey
New Mexico
New Netherlands *see* New York (state)
New Orleans
New testament *see* Bible
New Year's day (Page 16) — *Refer from* Days (s); Holidays
New York (state) — *Refer from* New Netherlands (s)
New York (city) — *Refer from* New Amsterdam (s)
New Zealand
Newfoundland
Newspapers
See also Journalism — *Refer from* Journalism
Newton, *Sir* Isaac
Niagara falls — *Refer from* United States — Description and travel
Nicaragua — *Refer from* Central America
Nicholas, *child crusader*
Nicias
Nicolette *see* Aucassin and Nicolette
Nightingale, Florence — *Refer from* Nurses and nursing
Nightingales
Nijni Novgorod — *Refer from* Fairs
Nile, Battle of the, 1798 *see* Aboukir bay, Battle of, 1798
Nile river — *Refer from* Africa—Description and travel; Egypt—Description and travel
Nithsdale, [William Maxwell,] *earl of* — *Refer from* Maxwell, William, earl of Nithsdale (s)
Nitrogen — *Refer from* Gases
Njals saga — *Refer from* Sagas
Nonsense rhymes *see* Humor; Nursery rhymes
Nordenskiöld, [Adolf Erik,] *baron*
Norfolk, [Thomas Howard,] *duke of* — *Refer from* Howard, Thomas, duke of Norfolk (s); Surrey, Thomas Howard, earl of (s)
Norfolk island
Norman conquest *see* England—History; Hastings, Battle of, 1066
Normandy
Norse mythology *see* Myths—Norse
Norsemen
See also Myths—Norse; Sagas — *Refer from* Northmen (s); Vikings (s)
North America (Page 21) — *Refer from* America (s)
——Discovery and settlement — *Refer from* Colonial period, United States; Discovery of America (s); Exploration (s); United States—Exploration; United States—History—Discovery (s)
North American Indians *see* Indians of America
North pole *see* Arctic regions
Northeast passage *see* Arctic regions
Northern lights *see* Aurora borealis
Northern mythology *see* Myths—Norse
Northmen *see* Norsemen

Northwest passage *see* Arctic regions
Northwest Territory, United States (Page 22)
Norway
Notre Dame, Paris
Nova Zembla
Nubia
Numa Pompilius, ***king of Rome***
Nuñez Cabeça de Vaca, Alvarez

Nuremberg
Nursery rhymes (Page 16)
See also Poetry—Collections

Nurses and nursing
See also Accidents; Hygiene; Medicine; Nightingale, Florence; Red-cross
Nutmeg *see* Spices
Nuts and nutting
See also Chestnuts; Cocoanuts; Peanuts
Oak trees
Obedience

Obelisks

Oberammergau

Observation
Occupations, Choice of
See also Business

Occupations for children (Page 17)
See also Amusements; Games; Handicraft
Ocean
See also Gulf stream; Icebergs; Physical geography; Sailors; Sea **stories;** Ships; Shipwrecks; Tides; **Voyages;** Waves
Ocean life
See also Alligators; Aquariums; Barnacles; Coral; Crabs; Crocodiles; Cuttlefish; Fish; Jellyfish; Lobsters; Oysters; Sea anemones; Sea urchins; Seals (animals); Seashore; Sponges; Starfish; Walrus; Whales and whaling
Oceanica
O'Connell, Daniel
Octavius Cæsar *see* Augustus, Caius Octavius, emperor of Rome
Octopus *see* Cuttlefish
Odysseus *see* Ulysses
Oglethorpe, ***Gen.*** James Edward
Ohio
Ohio valley
Oil painting *see* Painting
Oils
See also Petroleum
Olaf I [(Tryggvason),] ***king of Norway***
Olaf II, ***king of Norway***
Old testament *see* Bible

Refer from United States—Exploration; United States—History; (The) West
Refer from Scandinavia (s)
Refer from Cathedrals

Refer from Cabeça de Vaca, Alvarez Nuñez (s); Vaca, Alvarez Nuñez Cabeca de (s)

Refer from Folklore (s); Humor; Mother Goose melodies (s); Nonsense rhymes (s); Poetry—Collections; Rhymes (s)

Refer from Hygiene; Medicine; Trained nurses (s)

Refer from Trees

Refer from Acorns
Refer from Character; Disobedience (s); Ethical stories
Refer from Archaeology; Egypt—Description and travel; Monuments (s)
Refer from Miracle plays; Passion play (s)

Refer from Business; Choice of occupations (s); Industries; Professions, Choice of (s); Success; Trades (s)

Refer from Amusements; Children; Games; Handicraft; Recreations (s)

Refer from Earth; Natural history; Physical geography; Sea (s); Seashore; Tides

Refer from Animal kingdom (s); Animals; Fish; Mollusks (s); Seashore; Seaweeds (s); Zoology

Olives	
Olympic games	
See also Athletics; Games; Physical education; Sports	*Refer from* Athletics; Games; Greece, Ancient; Sports
Operas, Stories from	*Refer from* Wagner, Richard—Stories from his operas (s)
Operettas	
See also Cantatas; Plays	*Refer from* Actors and acting; Cantatas; Music; Plays; Theater (s)
Opium	
Opossums	
Orang-outangs *see* Apes	
Orations	
See also Debating; Readers and speakers.	*Refer from* Addresses (s); American literature; Debating; Declamations (s); Elocution (s); English literature; Literature; Readers and speakers; Speeches (s).
Orderliness	*Refer from* Character; Ethical stories
Ordnance *see* Guns	
Oregon (ship)	
Ores *see* Metals; Minerals; Mines and mining.	
Orinoco river	
Orioles	
Orkney islands	
Ornithology *see* Birds	
Osceola, *chief of the Seminoles*	
Ostriches	
Otho, *emperor of Rome*	
Otis, James, (*pseud.* [of James Otis Kaler])	*Refer from* Kaler, James Otis
Otters	
Outdoor life	
See also Camping; Country life; Fishing; House boats; Hunting; Natural history; Nature; Picnics; Sports; Walking.	*Refer from* Camping; Country life; Natural history; Nature; Sports
Owls	
Oxen *see* Cattle	
Oxford University	
Oysters	*Refer from* Food; Mollusks (s); Ocean life
Pacific ocean	
Paganini, Nicolo	
Page, Thomas Nelson	
Pageants	
See also Coronations; Fairs; Plays	*Refer from* Actors and acting; Amusements; Drama; Festivals (s); Pantomime; Plays; Tableaux
Paint	
Painters	
See also Artists; *also* names of painters, e. g. Raphael; West, Benjamin	*Refer from* Artists; Biography; Painting
Painting	
See also Art; Artists; China painting; Color; Design; Drawing; Painters; Perspective; Pictures	*Refer from* Art; Oil painting (s); Pictures; Water color painting (s)
Paintings *see* Pictures	
Palestine	
See also Dead sea	*Refer from* Holy Land (s); Levant
Palestrina, Giovanni Pierluigi da	
Palissy, Bernard	
Palm trees	
Panama	
Panama canal	*Refer from* Canals; Isthmian Canal (s)
Panthers	*Refer from* Cougars (s); Pumas (s)

Pantomime
See also Pageants; Plays; Puppet shows; Shadow pictures; Tableaux — *Refer from* Actors and acting; Amusements; Drama; Plays; Puppet shows; Shadow pictures; Tableaux

Paper — *Refer from* Manufactures; Printing; Writing

Paper money *see* Money

Paper work — *Refer from* Art; Artificial flowers (s); Cardboard construction (s); Flowers (artificial) (s)

Paraguay

Parasites — *Refer from* Botany; Insects

Paris — *Refer from* France — Description and travel

Park, Mungo

Parkman, Francis

Parliament—England *see* England—Parliament

Parr, Samuel

Parrots — *Refer from* Cockatoos (s)

Parsifal — *Refer from* Parzival (s); Holy grail

Parthenon
See also Athens — *Refer from* Athens

Parties
See also Amusements; Dances; Picnics — *Refer from* Amusements; Children's parties (s)

Partridges and quails — *Refer from* Quails (s)

Parzival *see* Parsifal

Pascal, Blaise

Passion play *see* Oberammergau

Patagonia

Patience — *Refer from* Character; Ethical stories

Patrick, St. — *Refer from* St. Patrick (s)

Patriotic songs *see* Songs

Patriotism
See also Citizenship; Civic readers; Flags; *also* names of patriots, e. g. Hale, Nathan; Joan of Arc; Robert Bruce, king of Scotland — *Refer from* Citizenship; Government

Pattison, Dorothy Wyndlow — *Refer from* Sister Dora (s)

Paula, *St.* — *Refer from* St. Paula (s); Saints

Paulus, Æmilius

Pawnee Indians

Payn, James

Peabody, George

Peace
See also Arbitration — *Refer from* Arbitration; War

Peanuts — *Refer from* Nuts and nutting

Pearls
See also Precious stones — *Refer from* Gems (s); Jewelry; Precious stones

Peary, Robert Edwin

Peat — *Refer from* Fuel (s); Geology; Heating; Physical geography

Peccaries

Peking — *Refer from* China—Description and travel

Pelicans

Pelopidas

Pembroke, [John Hastings,] *earl of* — *Refer from* Hastings, John, earl of Pembroke (s)

Pencils

Penguins

Peninsular war, 1807-14 — *Refer from* France—History

Penn, William — *Refer from* Pennsylvania

Pennsylvania
See also French and Indian war, 1755-63; Penn, William; Philadelphia; Pittsburgh; Quakers
——**Geography**
——**Government**
Pens
Pepper *see* Spices
Perfumery
Pericles
Perrault, Charles
Perry, Matthew Calbraith, *commodore*
Perry, Oliver Hazard, *commodore*
Perseus
Perseverance
Persia
Perspective
Peru
Pescara, *marchesa di see* Colonna, Vittoria
Peter the Great, *czar of Russia*
Peter of Haarlem
Peter the Hermit
Petrograd *see* St. Petersburg
Petroleum
See also Gas; Natural gas
Petroleum

Pets *see* Animals—Care; *also* names of animals, e.g. Cats; Dogs
Pheasants
Phelps, Elizabeth Stuart *see* Ward, *Mrs* Elizabeth Stuart (Phelps)
Phidias
Philadelphia
Philadelphia (ship)
See also Decatur, Stephen
Philip, *King, Indian name* Metacom
Philip II, *king of Macedon*
Philip II, *king of Spain*
Philippine islands
Phillips, Wendell
Philopœmen
Phips, *Sir* William
Phocion
Phœnicia
Phonograph

Phosphorescence
See also Foxfire
Photography
See also Magic lanterns; Moving pictures; Pictures
Physical education (Page 17)
See also Athletics; Games; Hygiene; Sports

Physical geography (Page 23)
See also Caves; Climate; Clouds; Deserts; Earth; Earthquakes; Geography; Geology; Geysers; Glaciers; Ice; Icebergs; Islands; Lakes; Mountains; Nature; Ocean; Peat; Prairies; Rain; Rivers; Seashore; Springs; Storms; Tides; Tropics; Volcanoes; Water; Waves; Weather; Winds.

Refer from Colonial period, United States

Refer from Geography

Refer from Manufactures; Writing

Refer from Manufactures
Refer from Greece, Ancient

Refer from War of 1812
Refer from Heroes and heroism
Refer from Character; Ethical stories

Refer from Painting
Refer from Incas (s)

Refer from Heroes and heroism
Refer from Crusades

Refer from Coal oil (s); Fuel (s); Gas; Geology; Heating; Lighting; Oils

Refer from Pennsylvania

Refer from Metacom (s)
Refer from Macedonia

Refer from Spanish-American war, 1898

Refer from Graphophone (s); Sound; Talking machines (s)

Refer from Light

Refer from Art; Cameras (s); Light; Pictures; Printing

Refer from Athletics; College athletics; (s); Education; Exercise (s); Games; Gymnasiums; Gymnastics (s); Hygiene; Olympic games; Physiology; Recreations (s); Sports

Refer from Climate; Earth; Earthquakes; Geography; Geography, Physical (s); Geology; Glaciers; Icebergs; Islands; Lakes; Mountains; Natural history; Ocean; Physics; Rivers; Science; Tides; Volcanoes; Water

Physicians *see* **Doctors**
Physics
See also Air; Barometer; Chemistry; Electricity; Evaporation; Gases; Gravitation; Gyroscope; Heat; Light; Magnetism; Mechanics; Physical geography; Radium; Scientific recreations; Soap bubbles; Sound; Steam; Thermometer; Water; Waves; Weather
Refer from **Chemistry; Electricity; Gravitation; Heat; Light; Magnetism; Mechanics; Science; Sound**

Physiology
See also Hygiene; Man; Medicine; Physical education; Sleep
Refer from **Anatomy (s); Body, Human (s); Hygiene; Man; Medicine**

Piano
See also Musical instruments
Refer from **Musical instruments**

Picnics
Refer from **Amusements; Outdoor life; Parties**

Picture-books
Picture frames
Picture galleries *see* Art galleries
Pictures
See also Artists; Drawing; Etching; Moving pictures; Painting; Photography
Refer from **Art; House decoration; Painting; Paintings (s); Photography**

Pictures, Moving *see* Moving pictures
Pierce, Franklin
Pigeons
Refer from **Carrier pigeons (s); Doves (s); Poultry**

Pigmies *see* **Dwarfs**
Pigs
Refer from **Farming; Swine (s)**

Pike, Zebulon Montgomery
Pike's peak
Refer from **Rocky mountains**

Pilgrim fathers
See also Colonial period, United States; Massachusetts; Plymouth; Standish, Miles; Thanksgiving day
Refer from **Biography; Colonial period, United States; Mayflower (ship) (s); New England; Plymouth; Puritans (s)**

Pilots and piloting
Refer from **Harbors**

Pine trees
Refer from **Evergreens (s)**

Pineapples
Pins *see* Needles and pins
Pinzon, Vicente Yañez
Pioneer life *see* **Frontier life**
Pioneers *see* **Frontier life**
Pirates
Refer from **Adventure; Buccaneers (s); Naval battles; Naval life; Sea stories; Voyages**

Pisistratus
Pitcairn island
Pitcher, Molly
Pitt, William, *earl of Chatham,* 1708-78
Refer from **Chatham, William Pitt, earl of (s)**

Pitt, William, 1759-1806
Pittsburgh
Refer from **Pennsylvania**

Pizarro, Francisco
Planets
See also Astronomy; Earth; Moon; Stars
Refer from **Astronomy; Solar system (s); Stars**

Plants (Page 18)
See also Botany; Buds; Bulbs; Flowers; Fruit; Fungi; Galls (botany); Gardens and gardening; Herbariums; Leaves; Natural history; Roots; Seeds; Trees; Weeds; *also* names of plants, e.g. Ferns, Gentians
Refer from **Botany; Bulbs; Farming; Flowers; Gardens and gardening; Natural history; Nature; Roots; Seeds**

Play *see* Amusements; Athletics; Games; Kindergarten—Games and songs; Sports

Plays (Page 18)
See also Actors and acting; Cantatas; Charades; Christmas—Plays; Dialogues; Drama; Dramatic readers; Games; Miracle plays; Moving pictures; Operettas; Pageants; Pantomime; Puppet shows; Shadow pictures; Tableaux

Refer from Actors and acting; Amateur theatricals (s); Amusements; Cantatas; Charades; Costume; Dialogues; Drama; Dramatic readers; Operettas; Pageants; Pantomime; Private theatricals (s); Puppet shows; Tableaux; Theater (s); Theatricals, Amateur (s)

Pliny, *the elder*
Pliny, *the younger*
Plymouth
See also Pilgrim fathers; Standish, Miles

Refer from Mayflower (ship) (s); Pilgrim fathers

Pocahontas

Refer from Indians of America

Poe, Edgar Allan
Poetry (Page 15)
See also Literature; Poets

Refer from American literature; American poetry (s); Ballads; English literature; Literature; Poets; Rhymes (s)

——**Collections** (Page 15)
See also Ballads; Hymns; Nursery rhymes; Quotations; Readers and speakers; Songs; *also* various subjects, subhead Poetry, e. g. Animals—Poetry, Christmas—Poetry, Nature—Poetry; Flowers—Poetry

Refer from Hymns; Nursery rhymes; Readers and speakers

Poets
See also Authors; Poetry; *also* names of poets, e. g. Burns, Robert

Refer from American literature; Authors; Biography; English literature; Poetry

Poitiers, Battle of, 1356
Poland
Polar regions *see* Antarctic regions; Arctic regions
Politeness *see* Manners
Politics *see* Government
Polk, James Knox
Pollen
Polo, Marco

Refer from Marco Polo (s)

Pompeii
Pompey *the Great*
Ponies *see* Horses
Ponce de Leon [Juan]

Refer from Leon, Ponce de (s)

Pontiac, *chief of the Ottawas*

Refer from French and Indian war, 1755-63; Indians of America

Pope, Alexander
Poplar trees
Popocatepetl

Refer from Volcanoes

Poppies
Porcelain *see* Pottery
Porcupines
Port Arthur, Siege of, 1904
Porter, *Capt.* David
Porter, *Admiral* David Dixon
Porto Rico

Refer from Puerto Rico (s); West Indies

Ports *see* Harbors
Portugal
Post-office *see* Mail service
Postage stamps *see* Stamps
Potatoes
See also Vegetables

Refer from Vegetables

Potter, Paul
Pottery
See also China painting; Clay modeling; Industries

Refer from Art; Chinaware (s); Industries; Manufactures; Porcelain (s)

Poultry *See also* Chickens; Ducks; Eggs; Geese; Pigeons; Turkeys	*Refer from* Chickens; Ducks; Farming; Geese; Hens; Turkeys
Power boats *see* Motor boats	
Powhatan, *Indian chief*	
Prairie dogs	
Prairies	*Refer from* Physical geography; (The) West
Praxiteles	
Preachers *see* Ministers; Preaching	
Preaching *See also* Ministers	*Refer from* Ministers; Preachers (s); Religion
Preble, Edward, *commodore*	
Precious stones *See also* Diamonds; Jewelry; Pearls	*Refer from* Diamonds; Gems (s); Jewelry; Minerals; Pearls; Stone
Prehistoric man *see* Man—Prehistoric	
Prescott, William H[ickling]	
Presidents	*Refer from* Biography; Inauguration of the presidents of the U. S. (s); Kings and rulers; United States—Biography (s); United States—Government; United States—Presidents (s)
Prester John	
Pribilof islands	
Pride	*Refer from* Character; Ethical stories
Primers (Page 16) *See also* Readers and speakers	*Refer from* Alphabet; Language; Readers and speakers
Primitive man *see* Man—Prehistoric	
Primroses	
Prince Edward Island	
Princes in the Tower	
Printing *See also* Calico printing; Paper; Photography	
Printing	*Refer from* Books and reading; Industries; Type (s)
Prisons *See also* Andersonville prison; Bastille; Libby prison	
Private theatricals *see* Plays	
Professions, Choice of *see* Occupations, Choice of	
Prometheus	
Promptness	*Refer from* Character; Ethical stories; Punctuality (s)
Proverbs *See also* Quotations	*Refer from* Folklore (s); Literature; Maxims (s); Mottoes (s); Quotations
Public health *see* Hygiene, Public	
Public schools *see* Schools	
Pueblo Indians *see* Cliff dwellers; Indians of America	
Puerto Rico *see* Porto Rico	
Pulcheria, *Byzantine empress*	
Pullman, George Mortimer	
Pumas *see* Panthers	
Pumpkins	
Pumps *See also* Machinery; Water supply	*Refer from* Engines; Machinery; Water supply
Punch and Judy shows *see* Puppet shows	
Punctuality *see* Promptness	

Punic wars *See also* Rome, Ancient	*Refer from* Rome, Ancient
Puppet shows *See also* Pantomime; Plays	*Refer from* Actors and acting; Amusements; Drama; Pantomime; Plays; Punch and Judy shows (s)
Purcell, Henry	
Puritans *see* Pilgrim fathers	
Pussy willows	
Putnam, *Gen.* Israel	
Puzzles *see* Riddles; Tricks and puzzles	
Pygmies *see* Dwarfs	
Pyramids	*Refer from* Archaeology; Egypt — Description and travel; Monuments (s); Tombs
Pyrography *See also* Handicraft	*Refer from* Art; Burnt wood work (s); Handicraft; Woodwork (s)
Pyrrhus, *king of Epirus*	
Quails *see* Partridges and quails	
Quakers *See also* Pennsylvania	*Refer from* Friends, Society of (s); Pennsylvania
Quarries *see* Granite; Marble; Rocks	
Quebec	*Refer from* Canada — Description and travel
Quebec, Siege of, 1759	
Queen Anne's War, 1702-13 *See also* Colonial period, United States	*Refer from* Colonial period, United States
Queens *See also* names of queens, e. g. Mary, queen of Scots	*Refer from* Biography; Girls; History; Kings and rulers; Women—Biography
Quicksilver *see* Mercury	
Quotations *See also* Proverbs	*Refer from* Literature; Mottoes (s); Poetry—Collections; Proverbs
Rabbits	*Refer from* Hares (s)
Raccoons	*Refer from* Coons (s)
Radium *See also* X rays	*Refer from* X rays; Physics
Raffia work *See also* Baskets	*Refer from* Baskets; Handicraft; Weaving
Railroads *See also* Electric railroads; Engineering; Locomotives; Steam engines; Street railroads; Transportation; Tunnels	*Refer from* Commerce; Engineering; Locomotives; Railways (s); Roads; Transportation
——Stories	*Refer from* Train stories (s)
Railways *see* Railroads	
Rain *See also* Storms; Weather	*Refer from* Climate; Physical geography; Storms; Water; Weather
Rainbow	
Raisins	
Raleigh, *Sir* Walter	
Rameses II, *the Great*	
Ranch life *See also* Frontier life; (The) West	*Refer from* Cowboys(s); Farming; Frontier life; (The) West
Randolph, John	
Raphael	*Refer from* Painters
Rats	
Ravens	

Readers and speakers (Page 16)
See also Books and reading; Civic readers; Debating; Dialogues; Dramatic readers; Geography—Readers; Orations; Poetry—Collections; Primers

Refer from American literature; Declamations (s); Dialogues; Elocution (s); English literature; Humor; Literature; Orations; Poetry — Collections; Primers; Recitations (s); Speakers (s); Speeches (s)

Reading *see* Books and reading
Récamier, *Mme* [Jeanne Françoise Adélaïde (Bernard)]
Recitations *see* Readers and speakers
Recreations *see* Amusements; Games; Occupations for children; Physical education; Sports
Red-cross
Refer from Nurses and nursing
Red Jacket, *Indian name* Sagoyewatha
Refer from Sagoyewatha (s)
Reformation
See also Thirty years' war, 1618-48

Refer from Europe—History; Germany —History; History; Middle ages

Regulus
Reid, Samuel Chester
Reindeer
Refer from Deer; Zoology
Religion
See also Bible stories; Buddha and Buddhism; Druids; Hymns; Jesus Christ; Miracle plays; Missionary work; Mohammed and Mohammedanism; Myths; Preaching; Saints
Rembrandt [van Ryn]
Remus, Uncle, *pseud see* Harris, Joel Chandler
Reni, Guido *see* Guido Reni
Reptiles
See also Alligators; Crocodiles; Lizards; Snakes

Refer from Alligators; Animals; Snakes; Zoology

Resources *see* Conservation; Industries
Retreat of the ten thousand
Refer from Greece, Ancient
Revere, Paul
Revolutionary war, United States *see* American revolution
Reynolds, *Sir* Joshua
Rhine river
Rhinoceros
Rhodes
Rhymes *see* Nursery rhymes; Poetry
Ribera, Jusepe, *called* Spagnoletto

Refer from Spagnoletto, José Ribera, called (s)

Rice
Refer from Farming; Grain
Richard I, *king of England*
Refer from Richard the Lion-hearted (s); Crusades
Richard II, *king of England*
Richard III, *king of England*
Richard the Fearless, *duke of Normandy*
Richard the Lion-hearted *see* Richard I, king of England
Richards, *Mrs* Laura E[lizabeth (Howe)]
Richelieu, [Armand Jean du Plessis], *cardinal* [de]

Refer from Du Plessis, Armand Jean, cardinal de Richelieu (s)

Richter, Jean Paul
Riddles
See also Charades; Tricks and puzzles

Refer from Amusements; Charades; Conundrums (s); Puzzles (s); Tricks and puzzles

Riding *See also* Horses; Hunting; Stagecoaches	*Refer from* Amusements; Horsemanship (s); Sports
Rienzi, Cola di	
Rittenhouse, David	
Rivers *See also* Dams; Physical geography; Water power; Water supply; *also* names of rivers, e. g., Congo river, Mississippi river	*Refer from* Engineering; Physical geography; Transportation; Water; Water supply
Roach, John	
Roads *See also* Engineering; Railroads; Street cleaning; Street railroads	*Refer from* Engineering; Transportation
Robert Bruce, *king of Scotland*	*Refer from* Bruce, Robert, king of Scotland (s); Patriotism
Roberts, Marshall Owen	
Robertson, James	
Robin Hood	*Refer from* Folklore (s); Legends
Robins	*Refer from* Birds
Rockhill, William Woodville	
Rocks *See also* Geology; Granite; Minerals; Slate; Stone	*Refer from* Geology; Granite; Minerals; Quarries (s); Stone
Rocky mountains *See also* Pike's peak; (The) West	*Refer from* Mountains; (The) West
Rodney, [George Brydges Rodney,] *baron*	
Roentgen rays *see* X rays	
Roland	*Refer from* Folklore (s); Legends
Roland, *Mme* [Marie Jeanne (Philipon)]	
Rollo, *duke of Normandy*	
Roman history *see* Rome, Ancient	
Roman literature *see* Latin literature—Collections	
Roman mythology *see* Myths—Greek and Roman	
Romances *see* Arthur, King; Charlemagne romances; Legends	(Page 10)
Romania *see* Roumania	
Rome, Ancient *See also* Gauls; Punic wars; *also* names of persons, e. g., Cæsar, Julius; Romulus, king of Rome	*Refer from* Gauls; Punic wars
Rome (city) *See also* Catacombs; Colosseum; St. Peter's, Rome; Vatican	
Romney, George	
Romulus, *king of Rome*	*Refer from* Rome, Ancient
Roosevelt, Theodore	
Roostam *see* Rustem	
Roots *See also* Botany; Plants	*Refer from* Flowers; Plants
Rope *See also* Cables; Knots	
Rosas, Juan Manuel de	
Rosecrans, *Gen.* William Starke	
Roses	
Rosetta stone	
Rossini, Gioacchino Antonio	
Rotterdam	
Roumania	*Refer from* Romania (s)
Round Table *see* Arthur, King	
Rowing *See also* Boats and boating; Canoes and canoeing; Sports	*Refer from* Athletics; Boat racing (s); Boats and boating; Sports

Rubber

Refer from **Gutta-percha (s); India-rubber (s); Manufactures**

Rubens, Peter Paul

Rugs
See also **Carpets; House decoration; Weaving**

Refer from Carpets; Cloth; **Handicraft;** House decoration; **Weaving**

Ruins *see* Archaeology
Rulers *see* Kings and rulers
Rumford, [Benjamin Thompson,] *count*

Refer from Thompson, Sir Benjamin **(s)**

Running
See also **Athletics; Walking**

Refer from Athletics; **exercise (s);** Sports

Rupert, *Prince*
Russell, William Clark
Russia
——Army
——Description and travel
See also Siberia; *also* names of cities, e. g. Moscow
Russo-Turkish war *see* **Crimean war**
Rustem

Refer from **Sohrab and Rustem (s)** Roostam (s)

Ruyter, Michel Adriaanszoon de
Sagas (Page 11)
See also **Frithjof;** Grettir the Strong; Njals Saga

Refer from **Folklore (s);** Legends; Literature; Myths; Norsemen; Stories (s)

Sagoyewatha *see* **Red Jacket,** *Indian name* Sagoyewatha
Sahara desert

Refer from Africa—Description and travel; Deserts

Sailing
See Boats and boating; Ice boats; Ships; Yachts and yachting
Sailors
See also Naval life; Sea stories; Ships

Refer from Biography; Ocean; Sea stories; Seamen (s); Ships; Voyages

St. Augustine *see* Augustine, St. abp. of Canterbury
St. Augustine, Fla.
St. Bartholomew's day, Massacre of
See also Huguenots

Refer from France—History; Huguenots; Massacre of St. Bartholomew (s)

St. Bernard pass

Refer from Switzerland—Description and travel

St. Boniface *see* Boniface, St.
St. Catharine of Siena *see* Catharine of Siena, St.
St. Christopher *see* Christopher, St.
St. Clair, *Gen.* **Arthur**
St. Clotilda *see* Clotilda, St. queen of the Franks
St. Columba *see* Columba, St.
St. Cuthbert *see* Cuthbert, St.
St. Elizabeth of Hungary *see* Elizabeth of Hungary, St.
St. Francis of Assisi *see* Francis of Assisi, St.
St. George *see* George, St.
St. Helena *see* Helena, St.
St. Helena island
St. Lawrence river
St. Margaret *see* Margaret, queen of Scotland
St. Parick *see* Patrick, St.
St. Patrick's day

Refer from Days (s); Holidays

St. Paula *see* Paula, St.

St. Paul's cathedral, London	*Refer from* Cathedrals; London
St. Peter's, Rome	*Refer from* Cathedrals; Rome (city)
St. Petersburg	*Refer from* Petrograd (s)
Saint Pierre, [Jacques Henri] Bernardin de	*Refer from* Bernardin de Saint Pierre, Jacques Henri (s)
St. Sophia mosque	
St. Theresa *see* Theresa, St.	
St. Thomas à Becket *see* Thomas à Becket, St.	
St. Valentine's day *see* Valentine's day	
St. Vincent [John Jervis,] *earl*	*Refer from* Jervis, John, earl St. Vincent (s)
St. Vincent de Paul *see* Vincent de Paul, St.	
St. Xavier *see* Francisco Xavier, St.	
Saints	
See also names of saints, e. g. Helena, St.; Paula, St.	*Refer from* Biography; Legends; Religion
Saladin, *sultan of Egypt and Syria*	
Salt, *Sir* **Titus**	
Salt	*Refer from* Geology; Minerals; Mines and mining
Salvador	
Samoan islands	
Sandalwood	
Sandwich islands *see* Hawaiian islands	
Saragossa, Siege of, 1808	
Sardinia	*Refer from* Italy—Description and travel
Sarto, Andrea del *see* Andrea del Sarto	
Savonarola, Girolamo	
Sawmills	
See also Lumbering	*Refer from* Lumbering; Machinery; Trees
Saxons *see* Anglo-Saxons	
Scævola, [C. Mucius]	*Refer from* Mucius, Caius (s)
Scandinavia *see* Denmark; Iceland; Norway; Sweden	
Scarlet tanagers	
Schiller, Johann[Christoph Friedrich von]	
School gardens	
See also Gardens and gardening	*Refer from* Gardens and gardening
School stories	*Refer from* Boarding school stories (s); College stories (s); Stories (s)
Schools	
See also Christ's hospital, London; Colleges; Education	*Refer from* Education; Public schools (s); Teachers
Schubert, Franz Peter	
Schumann, Robert	
Schwatka, Frederick	
Schweinfurth, Georg August	
Science (Page 18)	
See also Astronomy; Botany; Chemistry; Electricity; Evolution; Geography; Geology; Inventions; Minerals; Natural history; Nature; Physical geography; Physics; Scientific recreations; Scientists; Zoology	*Refer from* Discoveries (in science); Natural history; Nature
Scientific recreations (Page 17)	*Refer from* Amusements; Chemistry; Experiments (s); Physics; Science
Scientists	
See also Doctors; Explorers; Inventors; *also* names of scientists, e. g. Audubon, John James	*Refer from* Biography; Science
Scipio, [Publius Cornelius]	

Scotland
——Description and travel
See also names of cities, e.g. Edinburgh
Scott, John, earl of Eldon *see* Eldon, John Scott, earl of
Scott, *Sir* Walter
Scott, *Gen.* Winfield
Scouts and scouting *see* Boy scouts
Screws *see* Nails and screws
Sculptors
See also Artists; *also* names of sculptors, e. g. Michael Angelo — *Refer from* Artists; Biography; Sculpture

Sculpture
See also Art; Clay modeling; Liberty, Statue of; Sculptors; Wood carving — *Refer from* Art; Carving; (s); Modeling (s); Statues (s)
Sea *see* Ocean
Sea anemones — *Refer from* Ocean life
Sea fights *see* Naval battles
Sea lions *see* Seals (animals)
Sea stories
See also Naval life; Pirates; Sailors; Shipwrecks — *Refer from* Adventure; Naval life; Ocean; Sailors; Stories (s)
Sea urchins — *Refer from* Ocean life
Seals (animals) — *Refer from* Furs; Ocean life; Sea lions (s)

Seamen *see* Sailors
Seashore
See also Ocean; Ocean life — *Refer from* Ocean life; Physical geography

Seasons
See also Autumn; Spring; Summer; Weather; Winter — *Refer from* Astronomy; Autumn; Climate; Nature; Spring; Summer; Weather; Winter

Seattle, *last great chief of Washington*
Seaweeds *see* Ocean life
Seeds
See also Botany; Plants — *Refer from* Botany; Farming; Gardens and gardening; Plants

——Distribution
Self-control — *Refer from* Character; Ethical stories
Selfishness — *Refer from* Character; Ethical stories
Semiramis, *queen of Assyria*
Seneca, Lucius Annæus
Sequoyah *see* Guess, George, *Indian name* Sequoyah
Serapis (ship) *see* Bon Homme Richard and Serapis (ships)
Serpents *see* Snakes
Sertorius
Servia
See also Balkan states — *Refer from* Balkan states
Service — *Refer from* Character; Ethical stories
Seven sleepers of Ephesus
Seven wonders of the world — *Refer from* Wonders of the world (s)
Seven years' war, 1756-63 — *Refer from* France—History; French and Indian war, 1755-63

Sevier, John
Seville
Seward, William H[enry]
Sewing
See also Beadwork; Crocheting; Drawn work; Dressmaking; Embroidery; Knitting; Lace; Tapestry — *Refer from* Art; Dressmaking; Embroidery; Fancy work (s); Handicraft; Needlework (s)

Sewing machines *See also* Howe, Elias	*Refer from* Machinery
Shadow pictures *See also* Pantomime	*Refer from* Pantomime; Plays
Shadows	
Shakespeare, William	
Shamrock	
Sharks	
Shaw, Robert Gould	
Sheep *See also* Wool	*Refer from* Farming; Wool
Shelley, Percy Bysshe	
Shells	*Refer from* Mollusks (s)
Sheridan, *Gen.* Philip Henry	*Refer from* Soldiers
Sheridan's ride	
Sherman, *Gen.* William Tecumseh	
Sherman's march	
Shetland islands	
Shipbuilding *See also* Armor plate; Boats and boating; Yachts and yachting	*Refer from* Industries; Navies(s); Steamboats
Ships *See also* Boats and boating; Ice boats; Lightships; Naval life; Sailors; Steamboats; Sumbarine boats; Torpedo boats; Warships; Yachts and yachting	*Refer from* Boats and boating; Fleets (s); Naval life; Ocean; Sailing (s); Sailors; Transportation
Shipwrecks *See also* Life-saving	*Refer from* Accidents; Adventure; Disasters (s); Life-saving; Ocean; Sea stories; Wrecks (s)
Shoes	*Refer from* Boots (s); Clothing; Costume; Leather; Manufactures
Shooting *see* Guns; Hunting; Sports	
Shooting stars *see* Meteors	
Shore, John, baron Teignmouth *see* Teignmouth, John Shore, baron	
Shorthand	*Refer from* Business; Stenography (s); Writing
Shotguns *see* Guns	
Shovel, *Sir* Cloudesley	
Shrimps	
Siam	
Siberia	*Refer from* Russia—Description and travel
Sicilian vespers	
Sicily	*Refer from* Italy—Description and travel
Siddons, *Mrs* Sarah (Kemble)	
Sidney, Algernon	
Sidney, *Sir* Philip	
Siegfried	*Refer from* Folklore (s); Germany—Folklore; Legends
Signals *See also* Buoys; Flags; Lighthouses; Lightships; Telegraph; Wireless telegraphy	*Refer from* Armies (s)
Silk *See also* Silkworms	*Refer from* Cloth
Silkworms	*Refer from* Cocoons (s); Moths; Silk; Worms;
Silver *See also* Coins; Metals; Mines and mining; Money	*Refer from* Mines and mining
Simon de Montfort *see* Montfort, Simon de, earl of Leicester	

Singapore	
Singers *see* Musicians, *also* names of Singers, e.g. Lind, Jenny	
Singing *see* Hymns; Music; Songs	
Sister Dora *see* Pattison, Dorothy Wyndlow	
Sitting Bull, *great medicine chief of the Sioux*	
Skating	
See also Hockey	*Refer from* Amusements; Athletics; Ice; Sports; Winter sports (s)
Skees *see* Snowshoes	
Skilfulness	
Skis *see* Snowshoes	
Skunks	
Sky	
See also Astronomy; Aurora Borealis; Clouds; Stars; Weather	*Refer from* Astronomy; Clouds
Slate	*Refer from* Rocks; Stone
Slavery	
See also Civil war, United States; Negroes; (The) South	*Refer from* Abolition of slavery (s); Antislavery (s); Colored people (s); Government; History; Negroes; (The) South; Underground railroad (s)
Sleds	
Sleep	*Refer from* Hygiene; Physiology
Sleight of hand *see* Magic	
Smelting *see* Metals	
Smith, Adam	
Smith, [Francis] Hopkinson	
Smith, *Capt.* John	
Smoking *see* Tobacco	
Smuggling	*Refer from* Commerce
Snails	
Snakes	
See also Reptiles	*Refer from* Reptiles; Serpents (s); Zoology
Snow	*Refer from* Frost; Storms; Water; Weather
Snowshoes	*Refer from* Skees (s); Skis (s); Sports; Winter sports (s)
Soap	*Refer from* Manufactures
Soap bubbles	*Refer from* Amusements; Physics
Society islands	
Socrates	
Sohrab and Rustem *see* Rustem	
Soils	
See also Farming; Gardens and gardening	*Refer from* Farming; Geology
Solar engines	*Refer from* Engines; Heat; Sun
Solar system *see* Astronomy; Planets; Sun	
Soldiers	
See also Army life; Battles; Naval life; United States—Army; West Point Military Academy; *also* names of soldiers, e. g. Sheridan, Gen. Philip Henry	*Refer from* Armies (s); Army life; Biography
Solomon islands	
Solon	
Somers, Richard	
Somerset, *Lady* Isabel	
Songs (Page 16)	
See also Ballads; Christmas—Songs; College songs; Folk songs; Hymns	*Refer from* Ballads; Carols (s); Folk songs; Hymns; Music; National songs (s); Patriotic songs (s); Poetry—Collections; Singing (s); War songs (s)

Soto, Hernando de — *Refer from* De Soto, Hernando (s)
Soudan *see* Sudan
Sound
See also Music; Phonograph; Physics; Telephone — *Refer from* Physics
(The) South
See also Ku-Klux Klan; Negroes; Slavery; *also* names of Southern states, e. g. Florida, Georgia — *Refer from* Slavery
South Africa *see* Africa, South
South African war, 1899-1902 *see* Boer war, 1899-1902
South America — *Refer from* America (s)
——Description and travel
See also Amazon river; Andes mountains; *also* names of countries, e. g. Brazil, Chile
South pole *see* Antarctic regions
Southey, Robert
Spagnoletto, José Ribera, *called see* Ribera, Jusepe, *called* Spagnoletto
Spain
——Description and travel
See also Alhambra; Balearic isles; Escorial; Gibraltar; *also* names of cities, e. g. Toledo — *Refer from* Travel
——History
See also (The) Cid; Inquisition; Moors; Spanish-American war, 1898; Spanish armada, 1588 — *Refer from* Spanish armada, 1588
Spanish-American war, 1898
See also Cuba; Philippine islands — *Refer from* Cuba; Cuban war (s); Spain—History; United States—History; United States—History—Spanish-American war (s)
Spanish armada, 1588
See also England—History; Spain—History — *Refer from* Armada, 1588 (s); England—History; Naval battles; Navies (s); Spain—History
Spanish succession, War of, 1701-14 — *Refer from* France—History; Germany—History; War of the Spanish succession (s)
Sparrows — *Refer from* Birds
Speakers *see* Readers and speakers
Speeches *see* Orations; Readers and speakers
Speke, John Hanning
Spenser, Edmund
Sphinx — *Refer from* Archaeology; Egypt—Description and travel
Spices — *Refer from* Cinnamon (s); Cloves (s); Ginger (s); Nutmeg (s); Pepper (s)
Spiders
Spinning — *Refer from* Cloth
See also Cloth
Spinoza, Benedictus de
Spitzbergen
Sponges — *Refer from* Ocean life
Spool knitting — *Refer from* Knitting
Sports (Page 17)
See also Aeroplanes; Amusements; Archery; Athletics; Automobiles; Balloons; Baseball; Basket-ball; Bicycles and bicycling; Boats and boating; Boy — *Refer from* Adventure; Amusements; Athletics; College athletics (s); Country life; Games; Hunting; Olympic games; Outdoor life; Physical education; Play (s);

Sports—Continued
scouts; Bullfights; Camping; Canoes and canoeing; Diving; Falconry; Fencing; Fishing; Football; Games; Golf; Hockey; Horizontal bar; Hunting; Ice boats; Kites; Motor cycles; Olympic games; Outdoor life; Physical education; Riding; Rowing; Running; Skating; Snowshoes; Swimming; Tennis; Tobogganing; Tracking; Walking; Yachts and Yachting — Recreations (s); Rowing; Shooting (s); Winter sports (s)

Spring
See also Seasons — *Refer from* Seasons

Springs
See also Geysers — *Refer from* Geology; Geysers; Physical geography; Water; Water supply

Spurgeon, Charles Haddon
Squids, *see* Cuttlefish
Squirrels
Staël, *Mme* de [Staël-Holstein, Anne Louise Germaine (Necker), *baronne* de] — *Refer from* Holstein, Anne Louise Germaine (Necker), baronne de Staël (s)

Stage-coaches — *Refer from* Coaches and coaching (s); Riding; Transportation

Stamp act, 1765
See also American revolution; Colonial period, United States — *Refer from* American revolution; Colonial period, United States

Stamps — *Refer from* Collectors and collecting; Mail service; Postage stamps (s)

Standish, Miles — *Refer from* Pilgrim fathers; Plymouth
Stanford, Leland
Stanley, *Sir* Henry M[orton] — *Refer from* Africa—Exploration
Stanton, Mrs Elizabeth (Cady)
Starfish — *Refer from* Ocean life
Stark, *Gen.* John
Stars
See also Astronomy; Meteors; Planets. — *Refer from* Astronomy; Planets; Sky

Statesmen
See also names of statesmen, e. g. Clay, Henry — *Refer from* Biography; Government

Statues *see* Liberty, Statue of; Sculpture
Steam
See also Heating — *Refer from* Heating; Physics; Vapor (s); Water

Steam engines
See also Locomotives; Watt, James — *Refer from* Engineering; Engines; Locomotives; Machinery; Mechanics; Railroads

Steamboats
See also Fulton, Robert; Shipbuilding; Warships; Yachts and yachting — *Refer from* Boats and boating; Ships; Transportation

Stedman, Edmund Clarence
Steel
See also Armor plate; Bessemer, Sir Henry; Cutlery; Iron; Swords; Tools — *Refer from* Iron; Manufactures

Steele, *Sir* Richard — *Refer from* Bickerstaff, Isaac, Esq., pseud. (s)

Stencil work — *Refer from* Art; Handicraft
Stenography *see* Shorthand
Stephen of Cloyes
Stephens, Alexander Hamilton
Stephenson, George
Stephenson, Robert
Stereopticons *see* Magic lanterns
Stevenson, Robert Louis

Stewart, Alexander Turney	
Stewart, *Admiral* Charles	
Stilts	
Stockholm	*Refer from* Sweden—Description and travel
Stockton, Frank Richard	
Stoddard, Richard Henry	
Stone, Lucy	
Stone *See also* Geology; Granite; Marble; Masonry; Precious stones; Rocks; Slate	*Refer from* Geology; Granite; Masonry; Rocks.
Stone age *See also* Archaeology; Man — Prehistoric	*Refer from* Archaeology; Man—Prehistoric
Stores *see* Business	
Stories *see* Adventure; Bible stories; Ethical stories; Fables; Fairy tales; Ghost stories; Legends; Myths; Sagas; School stories; Sea stories; *also* various subjects, places and events, subhead Stories, e. g., Flowers — Stories; England — Stories; Hastings, Battle of — Stories	(Page 8)
Storks	
Storms *See also* Barometer; Rain; Snow; Weather; Winds	*Refer from* Cyclones (s); Hurricanes (s); Physical geography; Rain; Thunderstorms (s); Tornadoes (s); Weather; Winds
Stoves *See also* Heating	*Refer from* Heating
Stowe, *Mrs* Harriet (Beecher)	
Strafford, [Thomas Wentworth], *earl of*	*Refer from* Wentworth, Thomas, earl of Strafford (s)
Strasburg	
Stratford-on-Avon	*Refer from* England — Description and travel
Strawberries	
Street cleaning	*Refer from* Cities; Hygiene, Public; Roads
Street railroads *See also* Electric railroads	*Refer from* Cities; Electric railroads; Railroads; Roads; Transportation
Stuart, *Lady* Arabella	
Stuart, Charles Edward, *the Young Pretender*	*Refer from* Charles Edward Stuart, the Young Pretender (s); Young Pretender (s)
Stuart, *Gen.* James Ewell Brown	
Stuart, *Mrs* Ruth (McEnery)	
Stuffing of animals and birds *see* Taxidermy	
Stuyvesant, Peter	
Submarine boats *See also* Torpedo boats	*Refer from* Boats and boating; Naval battles; Navies (s); Ships; Torpedo boats; Warships
Submarine cables *see* Atlantic cable; Cables	
Success *See also* Ambition; Business; Character; Conduct; Occupations, Choice of	*Refer from* Business; Commerce; Wealth
Sudan	*Refer from* Soudan (s)
Suez canal	*Refer from* Canals
Suffren Saint Tropez, Pierre André de	

Sugar	
See also Beet sugar; Candy; Maple sugar	*Refer from* Beet sugar; Farming
Sulla, [Lucius Cornelius]	*Refer from* Sylla (s)
Sumach	
Sumatra	*Refer from* East Indies
Summer	
See also Seasons	*Refer from* Seasons
Sumner, Charles	
Sun	
See also Astronomy; Eclipses; Solar engines	*Refer from* Astronomy; Eclipses; Heat; Light; Solar system (s)
Sundials	
Sunflowers	
Surgeons *see* Doctors	
Surrey, [Henry Howard,] *earl of*	*Refer from* Howard, Henry, earl of Surrey (s)
Surrey, Thomas Howard, earl of *see* Norfolk, Thomas Howard, duke of	
Surveying	
See also Engineering	*Refer from* Civil engineering (s); Engineering
Suspension bridges *see* Bridges; Brooklyn bridge	
Swallows	
Swans	
Sweden	*Refer from* Scandinavia (s)
——Description and travel	
See also names of cities, e. g., Stockholm	
Sweyn, *king of Denmark*	
Swift, Jonathan, [*dean*]	
Swimming	
See also Baths and bathing; Diving	*Refer from* Athletics; Baths and bathing, Sports
Swine *see* Pigs	
Switzerland	
——Description and travel	
See also Alps mountains; St. Bernard pass; *also* names of cities, e. g. Geneva	
Swords	
See also Arms and armor; Fencing	*Refer from* Arms and armor; Cutlery; Steel; Weapons
Sylla *see* Sulla, Lucius Cornelius	
Syria	
Tableaux	
See also Charades; Pageants; Pantomime; Plays	*Refer from* Actors and acting; Amusements; Charades; Drama; Pantomime; Plays
Taft, William Howard	
Tahiti	
Tahoe, Lake	
Taj Mahal	*Refer from* Tombs
Talking machines *see* Phonograph	
Talmud	*Refer from* Jews
Tamate *see* Chalmers, James	
Tamerlane	
Tancred	
Tangier	
Tannhäuser	
Tanning	
See also Industries; Leather	*Refer from* Industries; Leather

Tapestry — *Refer from* Art; Cloth; House decoration; Needlework (s); Sewing

Tartars
See also China—History; Manchuria

Tasmania

Taxation — *Refer from* Government; United States—Government

Taxidermy — *Refer from* Animals; Birds; Natural history; Stuffing of animals and birds (s); Zoology

Taylor, Bayard
——**Birthday exercises**

Taylor, Zachary

Tea

Teachers
See also Education; Schools; Teaching — *Refer from* Biography; Education; Teaching

Teaching
See also Education; Teachers — *Refer from* Education; Teachers

Tecumseh, *Indian chief*

Teignmouth, [John Shore] *baron* — *Refer from* Shore, John, baron Teignmouth (s)

Telautograph — *Refer from* Electric engineering; Telegraph

Telegraph
See also Atlantic cable; Cables; Inventions; Morse, Samuel Finley Breese; Telautograph; Wireless telegraphy — *Refer from* Discoveries (in science); Electric engineering; Electricity; Signals

Telephone — *Refer from* Discoveries (in science); Electric engineering; Electricity; Sound

Telescope — *Refer from* Astronomy

Tell, William — *Refer from* Folklore (s); Legends

Temperance — *Refer from* Character; Ethical stories; Hygiene; Intemperance (s)

Temperature *see* Climate; Weather

Temples — *Refer from* Archaeology

Tennessee — *Refer from* United States—History

Tennis — *Refer from* Games; Lawn tennis (s); Sports

Tennyson, Alfred, *lord*

Tents
See also Camping — *Refer from* Camping

Teresa, St. *see* Theresa, St.

Texas

Textile fabrics *see* Cloth

Thackeray, William Makepeace

Thanksgiving day (Page 16) — *Refer from* Anniversaries (s); Colonial period, United States; Days (s); Festivals (s); Holidays; Pilgrim fathers; United States—Manners and customs

Thaxter, *Mrs* Celia [(Laighton)]

Theater *see* Actors and acting; Drama: Miracle plays; Moving pictures; Operettas; Plays

Theatricals, Amateur *see* Plays

Themistocles

Theodoric the Great, *king of the Ostrogoths* — *Refer from* Goths

Theodosius the Great, *emperor of Rome*

Theresa, St. — *Refer from* Teresa, St. (s); St. Theresa (s)

Thermometer
See also Barometer — *Refer from* Heat; Physics; Weather

Thermopylæ, Battle of, 480 B. C.	
Theseus	*Refer from* Myths
Thibet *see* Tibet	
Thirty years' war, 1618-48	
See also Europe—History; Germany—History	*Refer from* Europe—History; Germany—History; Reformation
Thomas à Becket, St.	*Refer from* À Becket, St. Thomas (s); Becket, St. Thomas à (s); St. Thomas à Becket (s)
Thomas, *Gen.* George Henry	
Thompson, Sir Benjamin *see* Rumford, Benjamin Thompson, *count*	
Thomson, Joseph	
Thoreau, Henry David	
——Birthday exercises	
Thoroughness	*Refer from* Character; Ethical stories
Thorvaldsen, Albert Bertel	
Thoughtfulness	*Refer from* Character; Ethical stories
Thrushes	
Thunderstorms *see* Storms	
Tiberius, *emperor of Rome*	
Tibet	*Refer from* China—Description and travel; Thibet (s)
Tidal waves	
Tides	
See also Astronomy; Moon; Ocean; Physical geography	*Refer from* Astronomy; Moon; Ocean; Physical geography
Tierra del Fuego	
Tiffany, Charles Lewis	
Tigers	
Timber *see* Forestry; Lumbering; Trees; Wood.	
Timbuctoo	
Timoleon	
Tin	
See also Metals	*Refer from* Manufactures
Titcomb, Timothy, *pseud. see* Holland, Josiah Gilbert	
Titian	
Titicaca, Lake	
Titus, *emperor of Rome*	
Toads	
Toadstools *see* Mushrooms	
Tobacco	*Refer from* Farming; Smoking (s)
Toboggans	*Refer from* Sports; Winter sports (s)
Toledo, Spain	*Refer from* Spain—Description and travel
Tolstoï, [Lyof Nikolaïevitch,] *count*	
Tombs	
See also Catacombs; Mound builders; Pyramids; Taj Mahal	*Refer from* Archaeology
Tonti, Henri de	
Tools	
See also Carpentry; Lathes; Machinery; Nails and screws	*Refer from* Carpentry; Handicraft; Industries; Machinery; Steel
Tops	*Refer from* Toys
Tornadoes *see* Storms	
Torpedo boats	
See also Submarine boats; Warships	*Refer from* Boats and boating; Naval battles; Navies (s); Ships; Submarine boats; Warships
Torpedoes	*Refer from* Armies (s); Explosives
Tours, Battle of, 732	
Tourville, [Anne Hilarion de Cotentin,] *comte* de	

Toussaint L'Ouverture, François Dominique	
Tower of London	*Refer from* London
Toys	
See also Amusements; Dolls; Electric toys; Games; Kites; Tops	*Refer from* Amusements; Games; Handicraft; Mechanical toys (s)
Track athletics *see* Athletics	
Tracking	*Refer from* Hunting; Sports; Trailing (s)
Trade *see* Business; Commerce	
Trades *see* Business; Occupations, Choice of; Industries; *also* names of industries, e. g. Blacksmithing, Carpentry	
Trafalgar, Battle of, 1805	
Trailing *see* Tracking	
Trailing arbutus *see* Arbutus	
Train stories *see* Railroads—Stories	
Trained nurses *see* Nurses and nursing	
Trajan, *emperor of Rome*	
Transportation	
See also Aeroplanes; Automobiles; Canals; Commerce; Electric railroads; Harbors; Mail service; Railroads; Rivers; Roads; Ships; Stage-coaches; Steamboats; Street railroads	*Refer from* Commerce; Railroads; Travel, Means of (s)
Trapping	
See also Furs; Hunting	*Refer from* Furs; Hunting
Travel (Page 22)	
See also Explorers; Voyages; *also* names of countries, subhead Description and travel, e. g. Spain—Description and travel	*Refer from* Adventure; Description and travel (s); Explorers; Geography; Voyages
Travel, Means of *see* Transportation	
Tree houses	*Refer from* Houses
Trees	
See also Arbor day; Big trees; Botany; Forestry; Fruit; Leaves; Lumbering; Nuts and nutting; Sawmills; Wood; *also* names of trees, e.g. Birch trees, Maple trees	*Refer from* Arbor day; Botany; Evergreens (s); Forestry; Leaves; Lumbering; Natural history; Nature; Plants; Timber (s); Wood
Trenck, [Friedrich,] *baron* von der	
Trenton, Battle of, 1776	
Tricks and puzzles	
See also Charades; Magic; Riddles	*Refer from* Amusements; Charades; Conjuring (s); Magic; Puzzles (s); Riddles
Trinidad	*Refer from* West Indies
Tripoli	
Tristan and Isolde	*Refer from* Isolde (s)
Trojan war (Page 9)	
See also Greece, Ancient; Troy; Ulysses	*Refer from* Agamemnon, king of Mycenæ; Heroes and heroism; Troy; Ulysses
Tromp, Martin Harpertzoon	
Tropics	*Refer from* Geography; Physical geography
Trowbridge, John Townsend	
Troy	
See also Trojan war	*Refer from* Trojan war
Truth	
Truthfulness	*Refer from* Character; Ethical stories
Truxtun, Thomas	
Tulips	
Tunis	
Tunnels	
See also Engineering; Hoosac tunnel;	*Refer from* Engineering; Railroads

Tunnels—Continued Mines and mining	
Turbines *See also* Water wheels	*Refer from* Engines
Turkey **——Description and travel**	*Refer from* Levant
Turkeys *See also* Poultry	*Refer from* Poultry
Turner, Joseph Mallord William	
Turning *see* Carpentry; Lathes	
Turpentine	
Turtles	*Refer from* Mud turtles (s)
Twain, Mark, (*pseud.* [*of* Samuel Langhorne Clemens])	*Refer from* Clemens, Samuel Langhorne (s)
Twelfth night	*Refer from* Days (s); Holidays
Tycho Brahe *see* Brahe, Tycho	
Tyler, John	
Tyler, Wat	
Tyndall, John	
Type *see* Printing	
Typewriter *see* Typewriting	
Typewriting	*Refer from* Business; Typewriter **(s)**; Writing
Tyrol	
Uganda	
Ulysses *See also* **Trojan war**	*Refer from* Odysseus (s); Trojan war
Uncle Remus, *pseud. see* **Harris,** Joel Chandler	
Underground railroad *see* Slavery	
United States (Page 21) *Note: Libraries desiring to keep all material together under United States, should follow headings given on p. 113.*	*Refer from* America (s)
——Army *See also* Army life; United States—Navy; West Point Military Academy	*Refer from* Armies (s); Army, United States (s); Soldiers
——Biography *see* Biography; Presidents; *also* names of individuals.	
——Colonial period *see* Colonial period, United States	
——Constitution *see* Constitution of the United States	
——Consular service *see* Consular service	
——Description and travel *See also* Mount Vernon; Niagara falls; Yellowstone national park; Yosemite valley; *also* names of states, cities and regions, e.g. Tennessee, Boston, (The) West	*Refer from* Description and travel (s); United States—Travel (s)
——Exploration (Page 22) *See also* Lewis and Clark expedition; Mississippi valley; North America—Discovery and settlement; Northwest Territory; *also* names of explorers, e.g. Frémont, Gen. John Charles	*Refer from* Explorers; United States—History
——Fisheries bureau *see* Fish; Fishing	
——Forest service *see* Forestry	
——Government *See also* Civic readers; Constitution of the United States: Mail service; Presidents; Taxation; Voting	*Refer from* Citizenship; Civil government (s); Congress, United States (s); Constitution of the United States; Government; Government service; Law; United States—Politics (s)

United States—Continued
——**History**
See also American revolution; Civil war, United States; Colonial period, United States; Declaration of independence; Indians of America; Louisiana purchase; Mexican war, 1846-48; New England; Northwest Territory, United States; Spanish-American war, 1898; United States—Exploration; War of 1812; *also* names of states, e.g. Tennessee
———Civil war *see* Civil war, United States
———Colonial period *see* Colonial period, United States
———Discovery *see* North America—Discovery and settlement
———French and Indian war *see* French and Indian war, 1755-63
———Mexican war *see* Mexican war, 1846-48
———Revolution *see* American revolution
———Spanish-American war *see* Spanish-American war, 1898
———War of 1812 *see* War of 1812
——Industries *see* Industries
——**Manners and customs**
See also Colonial period, United States; Manners and customs; Independence day; Memorial day; Thanksgiving day
——Military Academy *see* West Point Military Academy
——Mint *see* Mints
——**Navy**
See also Naval battles; Naval life; *also* names of vessels, e.g. Merrimac (ship)
——Politics *see* United States—Government
——Presidents *see* Presidents
——Travel *see* United States—Description and travel

Refer from American history (s); American revolution; Indians of America

Refer from Naval battles; Naval life; Navies (s); United States—Army

United States Naval Academy, Annapolis

Refer from Annapolis, United States Naval Academy (s); Naval life

United States, Naval War College, Newport, R. I. *see* Naval War College, Newport, R. I.

Unselfishness

Refer from Character; Ethical stories

Uruguay

Useful arts *see* Handicraft; Industries; Manufactures

(Page 19)

Usefulness

Refer from Character; Ethical stories

Vaca, Alvarez Nuñez Cabeça de *see* Nuñez Cabeça de Vaca, Alvarez

Valentine's day

Refer from Days (s); Holidays; St. Valentine's day (s)

Valerius, Publius
Valor *see* Courage; Heroes and heroism
Van Buren, Martin
Vandals
Vanderbilt, Cornelius, *called* Commodore
Van Dyck, Anton
Vane, *Sir* Harry
Van Eyck, Hubert *see* Eyck, Hubert van

Van Rensselaer, Stephen
Vapor *see* Evaporation; Steam
Vasco da Gama *see* Gama, Vasco da
Vasquez de Coronado, Francisco *see* Coronado, Francisco Vasquez de
Vassals *see* Feudal system
Vatican — *Refer from* Rome (city)
Vegetables
See also Cooking; Gardens and gardening; Markets; Potatoes — *Refer from* Farming; Food; Gardens and gardening; Potatoes
Velasquez, [Diego Rodriguez de Silva y]
Venezuela
Venice — *Refer from* Italy—Description and travel
Ventriloquism — *Refer from* Amusements
Venus of Milo
Verchères, Mary Madeleine de
Vermont
Vernet, Horace
Verrazzano, Giovanni da
Vespasian, *emperor of Rome*
Vespucci, Amerigo
Vesuvius, Mount — *Refer from* Italy—Description and travel; Volcanoes
Victoria, *queen of England*
Victoria cross
Victoria falls
Victoria, Lake — *Refer from* Lakes
Vienna — *Refer from* Austria-Hungary — Description and travel
Vikings *see* Norsemen
Vincent de Paul, St. — *Refer from* St. Vincent de Paul (s)
Vinci, Leonardo da *see* Leonardo da Vinci
Virgil
Virginia, *Roman maiden*
Virginia (state)
Volcanoes
See also Earthquakes; Etna, Mount; Geology; Kilauea; Physical geography; Popocatepetl; Vesuvius, Mount — *Refer from* Earth; Geology; Lava (s); Mountains; Physical geography
Voltaire, [François Marie Arouet de]
Voting
See also Citizenship — *Refer from* Government; United States—Government
Voyages (Page 22)
See also Adventure; Antarctic regions; Arctic regions; Explorers; Geography; Pirates; Sailors; Travel; Whales and whaling — *Refer from* Adventure; Description and travel (s); Discoveries (in geography) (s); Explorers; Geography; Naval life; Ocean; Travel
Vultures
Wagner, Richard — *Refer from* Musicians
——Stories from his operas *see* Operas, Stories from
Waldenses
Wales
Walking — *Refer from* Athletics; Exercise (s); Outdoor life; Running; Sports
Wall of China — *Refer from* China, Wall of (s); Great wall of China (s)
Wallace, *Sir* William
Wallenstein
Walnut trees
Walrus — *Refer from* Ocean life
Walton, Izaak
Wampum — *Refer from* Indians of America; Money

Wandering Jew — *Refer from* Folklore (s); Legends

War (Page 22) — *Refer from* Fighting (s)

See also Battles; Naval battles; Peace; *also* names of wars, e.g. Civil war, United States; Franco-German war, 1870-71

——Stories *see* names of special wars, e.g. Civil war, United States—Stories, Crimean war—Stories

War games — *Refer from* Games

War of 1812 — *Refer from* United States — History; United States—History—War of 1812 (s)

See also Erie, Lake, Battle of, 1813; *also* names of naval and military commanders, e.g. Perry, Oliver Hazard, commodore; McDonough, Thomas; Jackson, Andrew

War of the Spanish succession *see* Spanish succession, War of, 1701-14

War songs *see* Songs

Warbeck, Perkin

Ward, *Mrs* Elizabeth Stuart (Phelps) — *Refer from* Phelps, Elizabeth Stuart (s)

Warner, Charles Dudley

Warships — *Refer from* Armor plate; Armored vessels (s); Battle-ships (s); Fleets (s); Ironclads (s); Naval battles; Navies (s); Ships; Steamboats; Torpedo boats

See also Armor plate; Naval battles; Submarine boats; Torpedo boats; *also* names of individual ships, e.g. Albemarle (ship), Constitution (ship)

Warwick, [Richard Neville], *earl of* — *Refer from* Neville, Richard, earl of Warwick (s); (The) King-maker (s)

Warwick castle — *Refer from* Castles

Washington, Booker T[aliaferro]

Washington, George

See also Mount Vernon

Washington, *Mrs* Mary [(Ball)]

Washington, D. C.

Washington's birthday (Page 16) — *Refer from* Birthdays (s); Days (s); Holidays

Wasp (ship)

Wasps

Watches *see* Clocks and watches

Water — *Refer from* Ice; Physical geography; Physics; Water supply

See also Dew; Frost; Geysers; Ice; Physical geography; Rain; Rivers; Snow; Springs; Steam

Water color painting *see* Painting

Water lilies

Water power — *Refer from* Hydraulic engineering (s); Rivers

Water supply — *Refer from* Dams; Engineering; Hygiene, Public; Pumps; Rivers; Water works (s)

See also Aqueducts; Artesian wells; Canals; Dams; Lakes; Pumps; Rivers; Springs; Water

Water wheels — *Refer from* Machinery; Turbines; Wheels (s)

Water works *see* Water supply

Waterloo, Battle of, 1815 — *Refer from* France—History; Napoleon I, emperor of the French

Watt, James — *Refer from* Steam engines

Waves — *Refer from* Ocean; Physical geography; Physics

Wax flowers — *Refer from* Artificial flowers (s); Flowers; Flowers (artificial) (s)

Wayland the Smith — *Refer from* Folklore (s); Legends

Wayne, *Gen.* Anthony

Wealth *See also* Banks and banking; Business; Money; Success	*Refer from* Business; Money
Weapons *See also* Arms and armor; Guns; Knives; Swords	*Refer from* Arms and armor; Guns
Weasels	
Weather *See also* Air; Barometer; Climate; Clouds; Rain; Seasons; Snow; Storms; Thermometer; Winds	*Refer from* Atmosphere (s); Climate; Clouds; Meteorology (s); Physical geography; Physics; Rain; Seasons; Sky; Storms; Temperature (s); Winds
Weaving *See also* Baskets; Carpets; Cloth; Raffia work; Rugs	*Refer from* Cloth; Cotton; Handicraft; Industries; Looms (s); Rugs
Weber, Carl Maria *von*	
Webster, Daniel	
Weeds	*Refer from* Botany; Gardens and gardening; Plants
Wellesley, Arthur, duke of Wellington *see* Wellington, Arthur Wellesley, duke of	
Wellington, [Arthur Wellesley], *duke of*	*Refer from* Wellesley, Arthur, duke of Wellington (s)
Wentworth, Thomas, earl of Strafford *see* Strafford, Thomas Wentworth earl of	
Wesley, John	
Wesley, *Mrs* Susanna (Annesley)	
West, Benjamin	*Refer from* Painters
(The) West (Page 21) *See also* Colorado river; Frontier life; Indians of America; Lewis and Clark expedition; Northwest Territory, United States; Prairies; Ranch life; Rocky mountains; Yellowstone national park; Yosemite valley; *also* names of western states, e.g. California, Colorado	*Refer from* Adventure; Frontier life; Indians of America; Lewis and Clark expedition; Ranch life; Rocky mountains; United States—Description and travel
West Indies *See also* Bahama islands; Cuba; Hayti; Jamaica; Porto Rico; Trinidad	
West Point Military Academy	*Refer from* Soldiers; United States—Army; United States—Military Academy (s)
Westminster abbey	*Refer from* London
Wetzel, Lewis	
Whales and whaling	*Refer from* Fishing; Ocean life; Voyages
Wheat *See also* Flour; Grain	*Refer from* Farming; Flour; Grain
Wheeler, *Gen.* Joseph	
Wheels *see* Water wheels	
Whippoorwills	
White mountains	
Whitman, Marcus	
Whitney, Eli	*Refer from* Cotton gin
Whittier, John Greenleaf	
——Birthday exercises	
Wickliffe, John *see* Wycliffe, John	
Wiclif, John *see* Wycliffe, John	
Wilberforce, William	
Wild animals *see* Animals	
Wild flowers *see* Flowers	
Wildcats *see* Lynxes	
Wilkie, *Sir* David	

Wilkins, Mary E[leanor, *afterward Mrs* Freeman]	*Refer from* Freeman, Mrs Mary Eleanor (Wilkins) (s)
Willard, Frances E[lizabeth]	
William I, *the Conqueror, king of England*	
William I, *German emperor and king of Prussia*	
William of Orange, *called* the Silent	*Refer from* William the Silent (s)
William the Silent *see* William of Orange, *called* the Silent	
Williams, Roger	
Willis, Nathaniel Parker	
Willow trees	
Wilson, Richard	
Windmills	*Refer from* Machinery
Winds	
See also Storms; Weather	*Refer from* Physical geography; Storms; Weather
Windsor castle	*Refer from* Castles
Wine	
Winkelried Arnold von	
Winter	
See also Seasons	
Winter sports *see* Hockey; Ice boats; Skating; Snowshoes; Sports; Toboggans	*Refer from* Frost; Seasons
Winthrop John	
Wireless telegraphy	*Refer from* Electric engineering; Electricity; Signals; Telegraph
Wisconsin	
Wister, Sarah	
Wit and humor *see* Humor	
Witchcraft	*Refer from* Conjuring (s); Magic
Wolf *see* Wolves	
Wolsey, [Thomas,] *cardinal*	
Wolves	*Refer from* Wolf (s)
Women—Biography	
See also Biography; Girls; Queens; *also* names of famous women, e.g. Alcott, Louisa May; Anne, queen of England	*Refer from* Biography; Girls
Wonders of the world *see* Seven wonders of the world	
Wood, *Sir* Andrew	
Wood	
See also Bamboo; Lumbering; Trees	*Refer from* Forestry; Fuel (s); Heating; Lumbering; Timber (s); Trees
Wood carving	
See also Fretwork; Furniture; Handicraft	*Refer from* Art; Carpentry; Carving (s); Handicraft; Fretwork; Manual training; Sculpture
Woodchucks	*Refer from* Ground hogs (s)
Woodpeckers	
Woodwork *see* Carpentry; Lathes; Manual training; Pyrography	
Wool	
See also Cloth; Dyeing; Sheep	*Refer from* Cloth; Sheep
Words	
See also Names	*Refer from* Language
Wordsworth, William	
World *see* Earth	
Worms	
See also Caterpillars; Silkworms	*Refer from* Animals; Zoology
Worms, Germany	
Wrecks *see* Shipwrecks	
Wren, *Sir* Christopher	
Wrens	

Writers *see* Authors
Writing
See also Alphabet; Authors; Books and reading; Lettering; Paper; Pens; Shorthand; Typewriting — *Refer from* Alphabet; Handwriting (s)
Wu Hou, *empress of China*
Wycliffe, John — *Refer from* Wiclif, John (s); Wickliffe, John (s)

X rays
See also Electricity; Radium — *Refer from* Electricity; Light; Radium; Roentgen rays (s)

Xavier, St. Francis *see* Francisco Xavier, St.
Xenophon
Xerxes the Great, *king of Persia*
Yachts and yachting
See also Boats and boating; Canoes and canoeing; Ice boats — *Refer from* Boats and boating; Sailing (s); Shipbuilding; Ships; Sports; Steamboats

Yellowstone national park — *Refer from* United States — Description and travel; (The) West

Yosemite valley — *Refer from* United States — Description and travel; (The) West

Young Pretender *see* Stuart, Charles Edward, *the Young Pretender*
Yucatan
Zane, Elizabeth
Zanzibar
Zenobia, *queen of Palmyra*
Zeppelins *see* Airships
Zinc
See also Brass; Metals
Zoology (Page 18)
See also Animals; Birds; Evolution; Fish; Fossils; Hibernation; Insects; Menageries; Natural history; Nature; Nests; Ocean life; Reptiles; Snakes; Taxidermy; Worms; also names of animals, e.g. Dogs, Reindeer — *Refer from* Animal kingdom (s); Animals; Natural history; Nature; Science
Zulus